

Digital Audio Processing

for D950

	•	Coi	ntro	ol S	Sys	te	m
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- 2. DSP Core
- 3. PE / PEAES Board
- 4. MADI / MEMNET Board
- 5. DI9m Frames
- 6. DI9m Input Interface Cards
- 7. D19m Output Interface Cards
- 8. D19m Connection Units

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Subject to change

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1.950.605.26	PEAES Board	3
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1.950.610.26	PE Board	3
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Connection Board 2xD15f 8xAESI-Card	1.940.635.00	8
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	1.940.585.22	7
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Assembly	Assembly No.	Section
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XLR Connection AES/EBU Output	1.940.618.81	8
XLR Connection Analog Input	1.940.627.81	8
XLR Connection Analog Output	1.940.628.81	8

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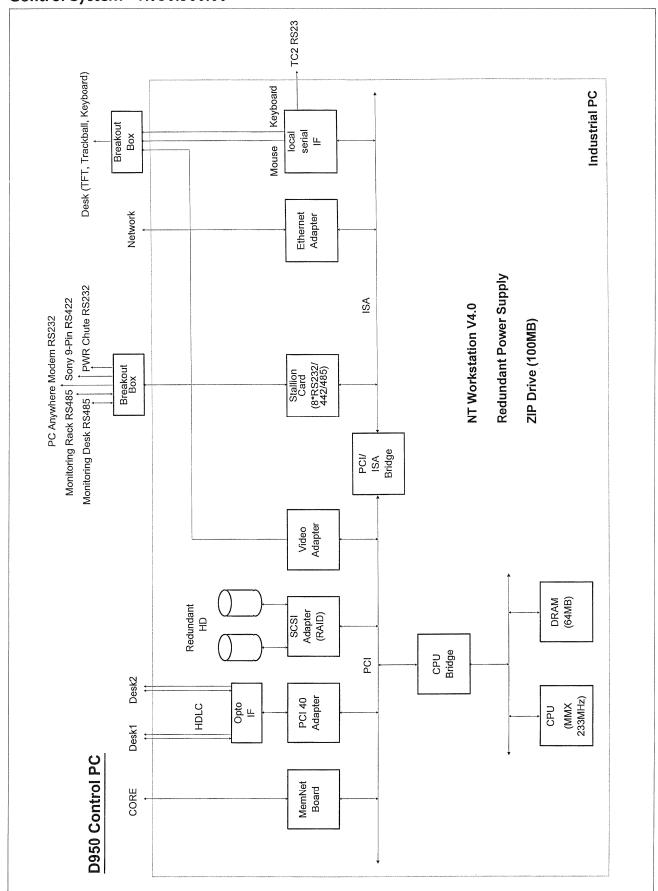
DIAGRAMS CONTROL SYSTEM

	Assembly No.	Diagram	Component Layout	Parts List
Block Diagram Control System	1.950.300	-	-	-

Date printed: 23.05.02



Block Diagram Control System 1.950.300.00

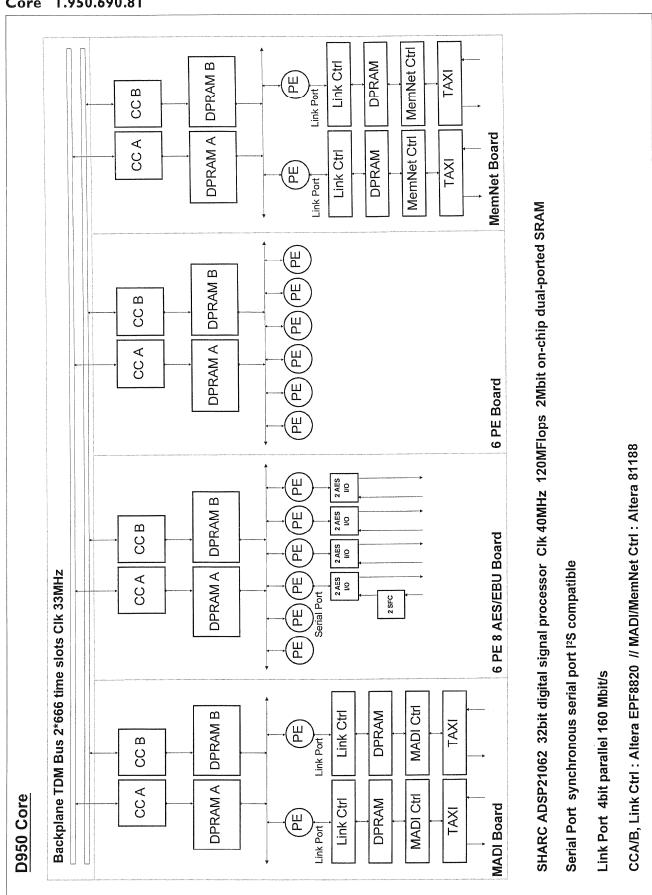




DIAGRAMS DSP CORE

	Assembly No.	Diagram	Component Layout	Parts List
Block Diagram Core	1.950.690	-	-	-
Power Supply 5V/100A	1.950.601.00	-	.00	-
PSU Back Plane	1.950.597.81	.81	.81	.81
PSU Connection Board	1.950.598.00	.00	.00	.00
Block Diagram Core Back Plane	1.950.650	-	-	-
Core Back Plane	1.950.650.00	.00	.00	.00

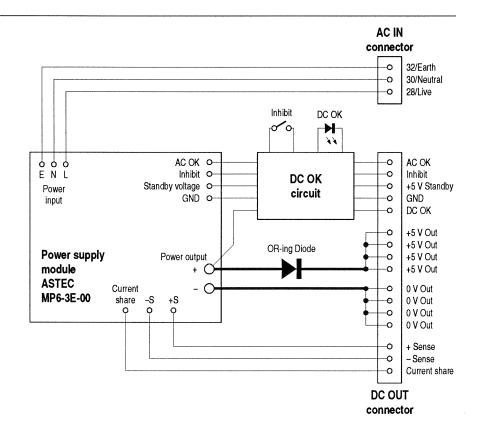
Block Diagram Core 1.950.690.81



2 POWER SUPPLY UNIT

1.950.601.00

2.1 Block diagram



2.2 Specifications

Mains voltages: $100...240 \text{ V}_{AC} \pm 10\%$

Power factor: 0.99 typ. **Mains frequency:** 47...440 Hz

Efficiency: typ. 70%

Output power: 5 V/100 A

Integrated OR-ing diode for N+1 redundancy operation.

Output: Short-circuit, overcurrent, overvoltage, and thermal protection.

Power down (logic inhibit): Control input, TTL compatible, active low.

Power good: Output, open collector, TTL compatible, active high.

DC OK: Output, open collector, TTL compatible, active high; and green LED

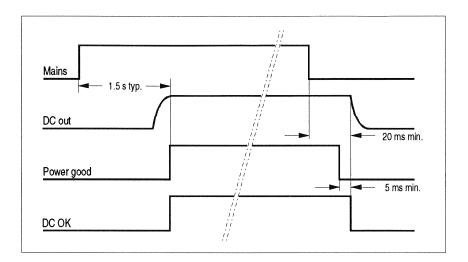
indicator on the front panel.

Standby voltage: 5 V/250 mA

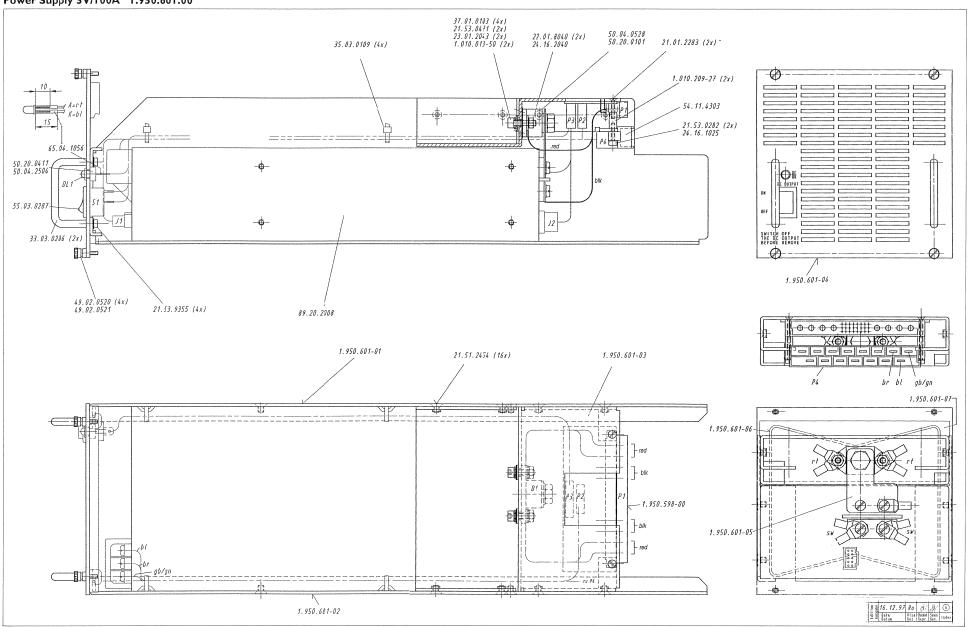
Current share: If individual unit outputs are in parallel, the "Single wire parallel" lines

are tied together; this provides forced current sharing of the outputs. Can also be used as a relative current monitor, using a proportional voltage (2...6 V). This output must not be loaded, a buffer has to be

used.



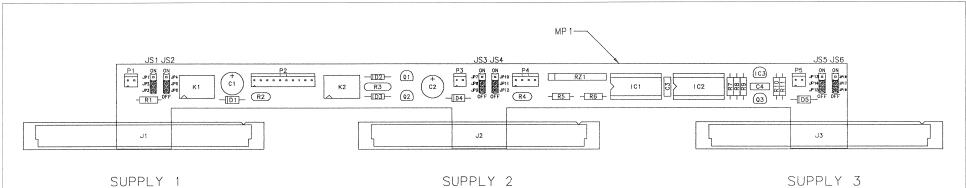
Power Supply 5V/100A 1.950.601.00



PSU Back Plane 1.950.597.81 +SENSE1 - J1 138 E-ACOK1 - J1 13A ____J1140_ P1 2 - SENSE1 V-ADJ-M1 → J1 14B VCC = J1 14A ____OFF ____ J1 15C 15-POL D-SUB R3 ___JS2 ____ J1 16C ______O +5V SUPPLY VCC -J1 16A -SENSE1 - J1 168 OFF ---- GND +5V-STBY ____ J1 17C C-SHARE - J1 17B ___J1 11 _INHIBIT == J1 17A ------ GND N.C. 👄 J1 180 GND ----- GND a not used N.C. 👄 J1 188 GND - J1 18A EXTERN _______ O GND ____ J1 19C INHIBIT _INHIBIT GND - J1 198 +5V-STBY1 - J1 19A N.C. - J1 200 N.C. == J1 208 ____J2 13C +SENSE2 = J2 13B P43 - ACOK P3 2 not used □□ JS3 ____ J2 14C VCC - J2 14A -D OFF ____J2_15C V-ADJ-H2 == J2 158 L_ JS4 ___ J2 16C _____O +5V $^{\circ}$ ON -SENSE2 ____J2 16B VCC - J2 16A SUPPLY _____OFF _______ O GND J2 17C C-SHARE -J2 17B ______ GND _INHIBIT - J2 17A N.C. ⇒ JE 180 DCOK-RELC _________ GND N.C. — J2 188 GND - J2 18A ___ J2 19C ________O GND DC-OK DCOK-RELB SIGNAL GND ____J2 198 +5V-STBY2 = J2 19A S DCOK-RELA 11 N.C. ⇔ J2 200 N.C. ⇒ J2 20B _____O +5V ____J3 13C P5 1 - +SENSE3 E-ACOK3 - J3 13A ___JS5 ____J3 140 P5 2 - SENSE3 P44 - PSUOK VCC - J3 14A OFF ____ J3 15C _____O +5V V-ADJ-H3 □ J3 15B E-DCOK3 = J3 15A __ JS6 ____ J3 16C ___ J3 05 SUPPLY-OK ----- +5V PSUOK-RELB SIGNAL -SENSE3 = J3 16B VCC - J3 16A _____OFF _________________________ GND P2 18 - PSUOK-RELA 14 ___ J3 11 _INHIBIT = J3 17A C-SHARE - J3 17B ---- GND N.C. — J3 180 _______ GND N.C. ← J3 188 GND - J3 18A _____________________ GND JUMPER AND SUPPLY SETTINGS (1) +5V-STBY3 = J3 19A GND - J3 19B N.C. == J3 28C REDUNDANCY NO REDUNDANCY 5V/100A 5V/100A 5V/200A 5V/200A GND = J3 20A N.C. ⇒ J3 20B ______O +5V SUPPLY 1+3 SUPPLY 1+2+ SLIPPLY 1+3 OFF OFF OFF OFF 09.01.98 GP (1) 16.09.98 ON ON 0FF OFF OFF OFF D950 POWER SUPPLY PAGE OF ON ON ON ON OFF OFF SC 1,950,597,81 STUDER PSU BACKPLANE OFF OFF







JUMPER AND SUPPLY SETTINGS (1)

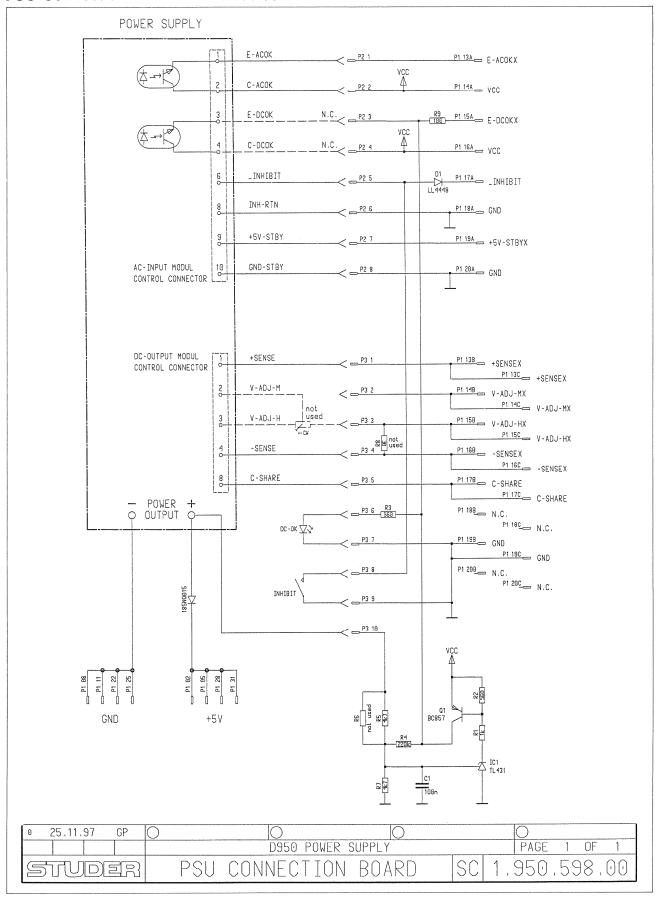
	NO REDI	JNDANCY	REDUNDANCY				
	5V/100A	5V/200A	5V/100A	5V/200A			
	SUPPLY 1	SUPPLY 1+3	SUPPLY 1+3	SUPPLY 1+2+3			
JS1	OFF	OFF	OFF	OFF			
JS2	OFF	OFF	OFF	OFF			
JS3	OFF	OFF	ON	OFF			
JS4	ON	ON	ON	0FF			
JS5	ON	OFF	OFF	0FF			
JS6	ON	OFF	OFF	OFF			

idx.	Pos.	Part No.	Qty.	Type/Val.	Description		ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C1	59.22.3221		220u	EL 10V, 20%, RM	M5	0	MP 1	1.950.597.12			PSU BACK PLANE PC3
0	C 2	59.22.3221		220u	EL 10V, 20%, RM	15	0	MP 2	1.950.597.10			NR. ETIKETTE
0	C 3	59.06.0104		10Cn	PETP, 63V, 10%, RM	1 5	0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	C 4	59.06.0104		10Cn	PETP, 63V, 10%, RM	4 5						
							0	P 1	54.12.0702		2p	Stecker gerade PCB
0	D 1	50.04.0512		1N5818	D 1N 5818, 1N 581		0	P 2	54.12.0710	1	10p	Stecker gerade PCB
0	D 2	50.04.0125		1N4448	75V, 150mA, 4ns, D	D-35	0	P 3	not used	l	2p	Stecker gerade PCB
0	D 3	50.04.0125		1N4448	75V, 150mA, 4ns, D	D-35	0	P 4	54.12.0704		4p	Stecker gerade PCB
0	D 4	50.04.0512		1N5818	D 1N 5818, 1N 581	9,	0	P 5	54.12.0702	!	2p	Stecker gerade PCB
0	D 5	50.04.0512		1N5818	D 1N 5818, 1N 581	9,						
							0	Q 1	50.03.0436		BC237B	BC 237 B, 547 B, 550 B,
0	IC 1	50.17.1011		74HC11	IC 74 HC 11 .,	Α,	0	Q 2	50.03.0436	1	BC237B	BC 237 B, 547 B, 550 B,
0	IC 2	50.17.1032		74HC32	IC 74 HC 32 .,	,A	0	Q 3	50.03.0515		BC307B	BC 307 B , BC 557 B ,PNP
0	IC 3	50.10.0106		TL431	IC TL 431 CLP,							
							0	R 1	not used		4k7	MF, 1%, 0207
0	J 1	54.11.4451		24+8p	EU-M		0	R 2	57.92.7012		0.3A	POLY- PTC, 60V
0	J 2	54.11.4451		24+8p	EU-M		0	R 3	57.92.7020)	0.75A	POLY- PTC, 60V
0	J 3	54.11.4451		24+8p	EU-M		0	R 4	57.92.7012	2	0.3A	POLY- PTC, 60V
							0	R 5	57.11.3472	2	4k7	MF, 1%, 0207
0	JP 1	54.01.0020		1p	Pin 0.63*0.63		0	R 6	57.11.3472	2	4k7	MF, 1%, 0207
0	JP 2	54.01.0020		1p	Pin 0.63*0.63		. 0	R 7	57.11.3272	2	2k7	MF, 1%, 0207
0	JP 3	54.01.0020		1p	Pin 0.63*0.63		0	R 8	57.11.3242	2	2k4	MF, 1%, 0207
0	JP 4	54.01.0020		1p	Pin 0.63*0.63		0	R 9	57.11.3154	£	150k	MF, 1%, 0207
0	JP 5	54.01.0020		1p	Pin 0.63*0.63		0	R 10	57.11.3102	2	1k0	MF, 1%, 0207
0	JP 6	54.01.0020		1p	Pin 0.63*0.63		0	R 11	57.11.3471	I	470R	MF, 1%, 0207
0	JP 7	54.01.0020		1p	Pin 0.63*0.63							
0	JP 8	54.01.0020		1p	Pin 0.63*0.63		0	RZ 1	57.88.4472	2	8*4k7	2%, SIP 9
0	JP 9	54.01.0020		1p	Pin 0.63*0.63							
0	JP 10	54.01.0020		1p	Pin 0.63*0.63		0	XIC 1	53.03.0167	7	14p	DIL 0.3", löt, gerade
0	JP 11	54.01.0020		1p	Pin 0.63*0.63		0	XIC 2	53.03.0167	7	14p	DIL 0.3", löt, gerade
0	JP 12	54.01.0020		1p	Pin 0.63*0.63							
0	JP 13	54.01.0020		1p	Pin 0.63*0.63		-	~			End of List	
0	JP 14	54.01.0020		1p	Pin 0.63*0.63		_					
0	JP 15	54.01.0020		1p	Pin 0.63*0.63		Cor	mments:				
0	JP 16	54.01.0020		1p	Pin 0.63*0.63							
0	JP 17	54.01.0020		1p	Pin 0.63*0.63							
0	JP 18	54.01.0020		1p	Pin 0.63*0.63							
0	JS 1	54.01.0021		Jumper	0.63 * 0.63mm							
0	JS 2	54.01.0021		Jumper	0.63 * 0.63mm							
0	JS 3	54.01.0021		Jumper	0.63 * 0.63mm							
0	JS 4	54.01.0021		Jumper	0.63 * 0.63mm							
0	JS 5	54.01.0021		Jumper	0.63 * 0.63mm							
0	JS 6	54.01.0021		Jumper	0.63 * 0.63mm							
0	К1	56.04.0198		2u	5V 125V 2A Ag/							
0	K 2	56.04.0198		2u	5V 125V 2A Aq/	۸.,						

					-	6						(3)
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						Medi	15.09	9.98	GP			0
						rion gobe	09.0	. 98	GP			0
						FAIR	Date Datum		Visa Gez.	Checked Gepr.	Seen Ges.	Index
						Cop: Kop	/ to: ie fuer:					
TUDER REGENSOORF	Description: Benennung:	PSU.	BACKP	LANE	ESE	Number:	1.	95	0.	597	7.8	1

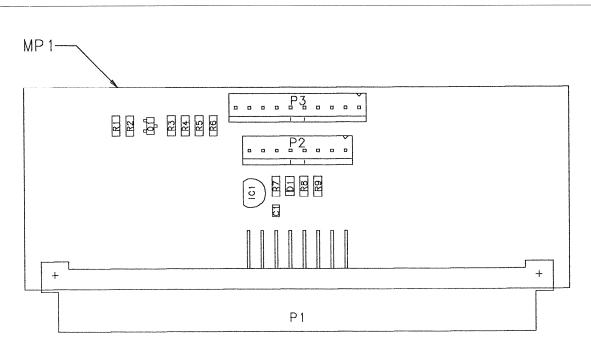


PSU Connection Board 1.950.598.00





PSU Connection Board 1.950.598.00

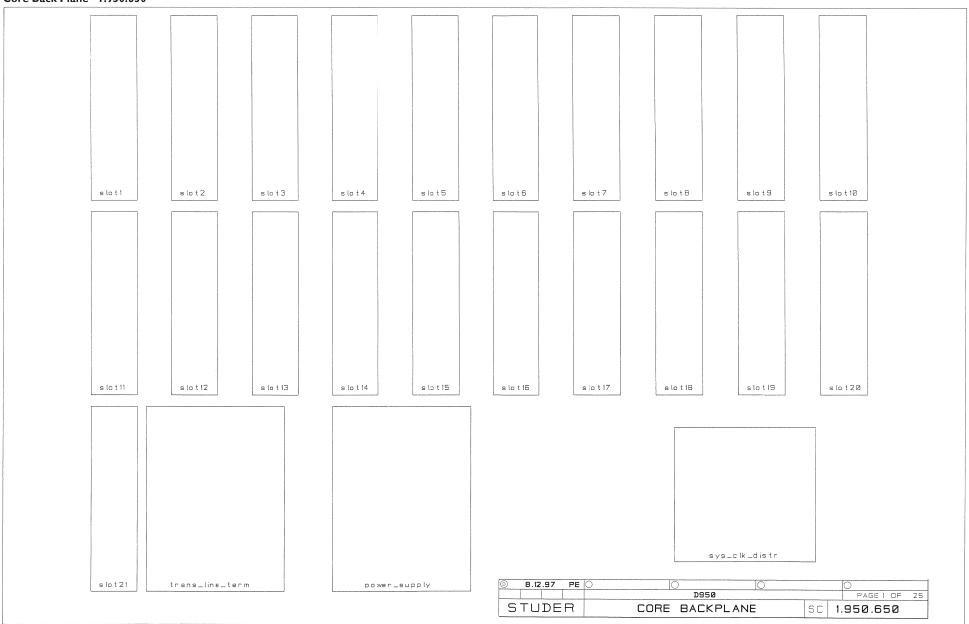


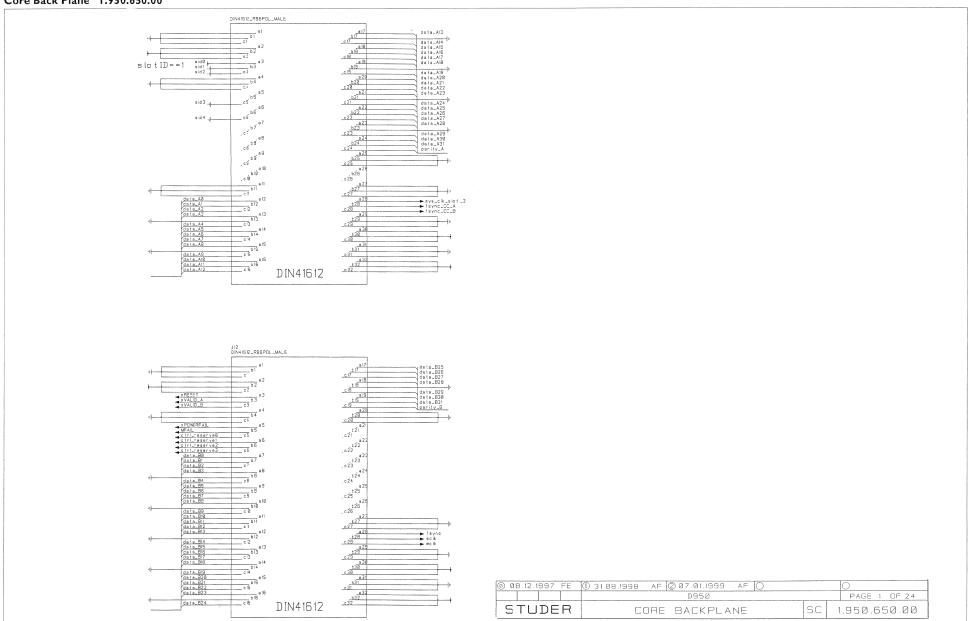
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STUDER	Benefinang: Benefi	CONNECTION	BOARD	Number: Number:	1.95	n '	598	3 0	0
REGENSDORF	2 E 1 00	OUNTEDITON	DOMNO	25	1.50	· · ·	<i></i>		

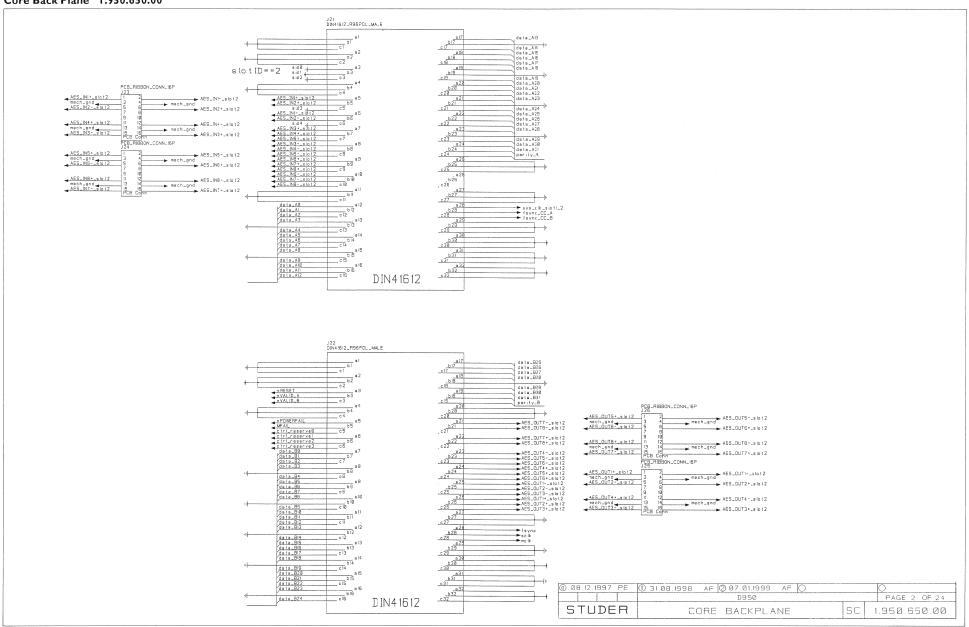
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	IC 1	50.10.0106		TL431	IC TL 431 CLP,
0	MP 1	1.950.598.11			PSU CONNECTION PCB
0	MP 2	1.950.598.10			NR. ETIKETTE
0	MP 3	43.01.0108	ļ.	Label	ESE-WARNSCHILD
0	P 1	54.11.4401		24+8p	EU-M
0	P 2	54.12.0708	3	8p	Stecker gerade PCB
0	P 3	54.12.0710)	10p	Stecker gerade PCB
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1102	2	1K	MF, 1%, 0204, E24
0	R 2	57.60.1561		560R	MF, 1%, 0204, E24
0	R 3	57.60.1561		560R	MF, 1%, 0204, E24
0	R 4	57.60.1224	ļ	220K	MF, 1%, 0204, E24
0	R 5	57.60.1472	2	4K7	MF, 1%, 0204, E24
0	R 6	not used	i	220K	MF, 1%, 0204, E24
0	R 7	57.60.1472	2	4K7	MF, 1%, 0204, E24
0	R 8	not used	i	0R0	MF, 0204
0	R 9	57.60.1101		100R	MF, 1%, 0204, E24
	A CONTRACTOR OF THE PARTY OF TH		E	end of List	

Comments:

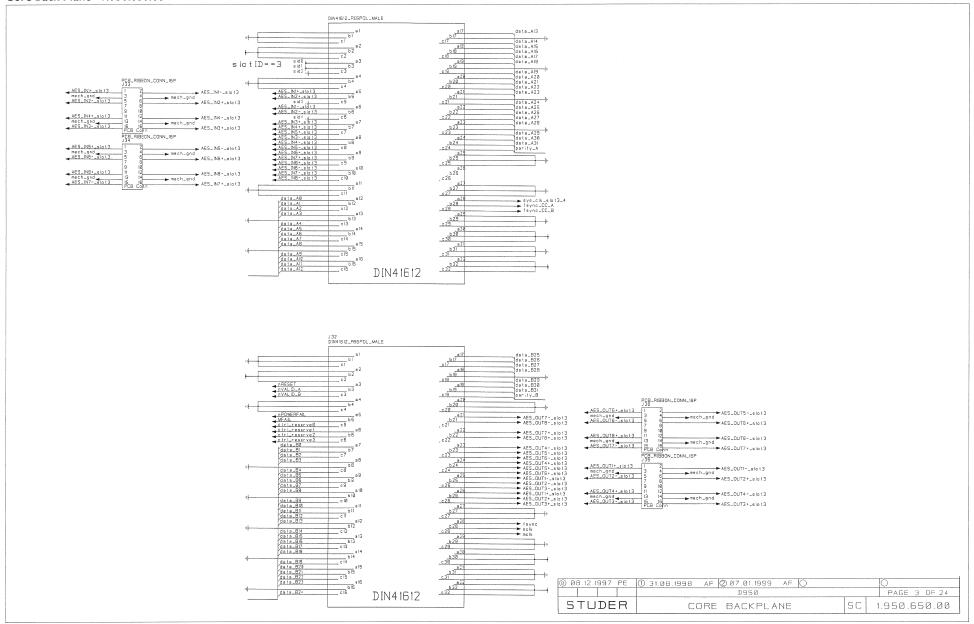
Block Diagram
Core Back Plane 1.950.650

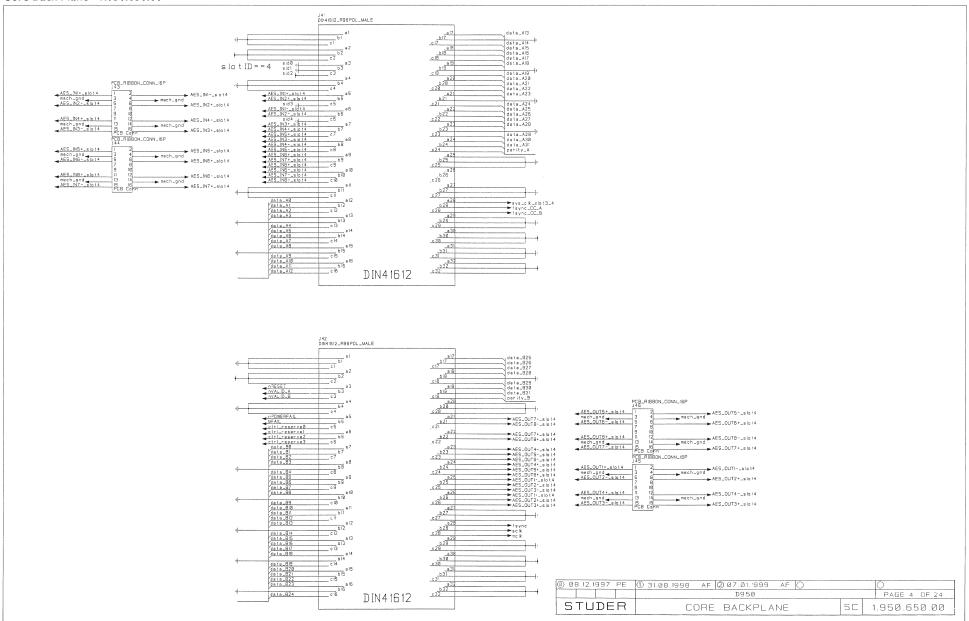




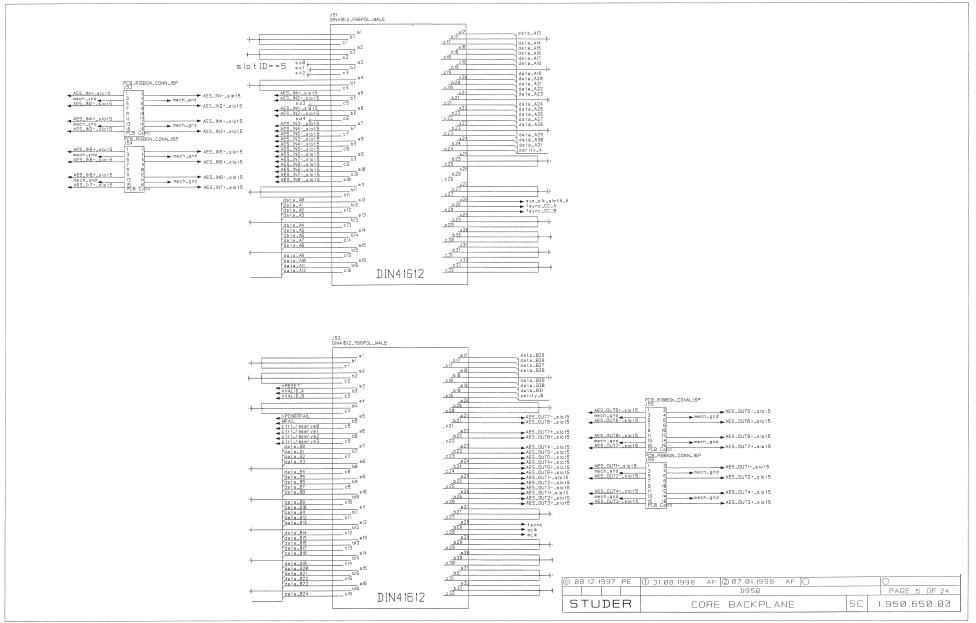


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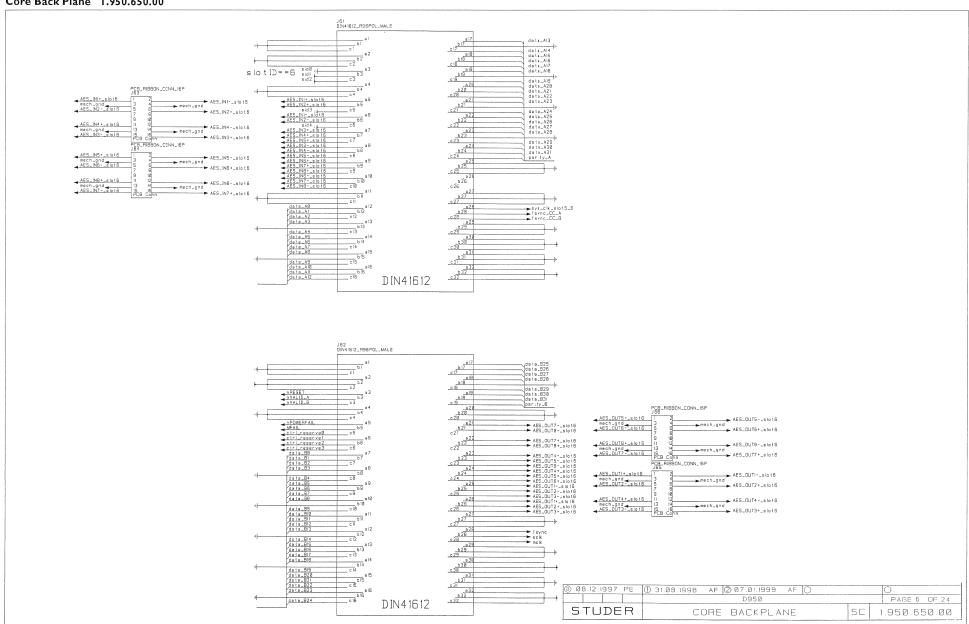




Digital Audio Processing STUDER

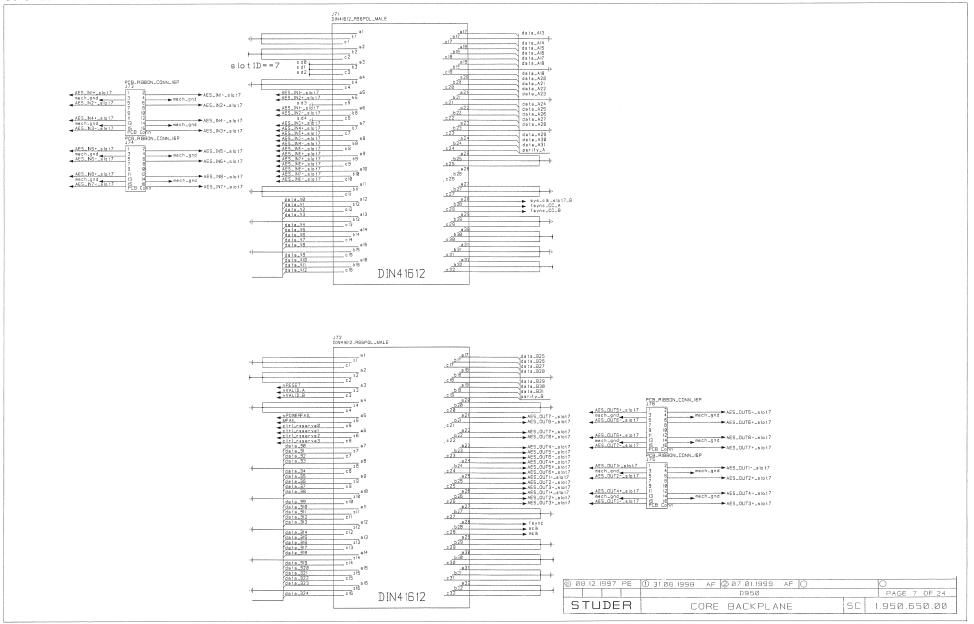


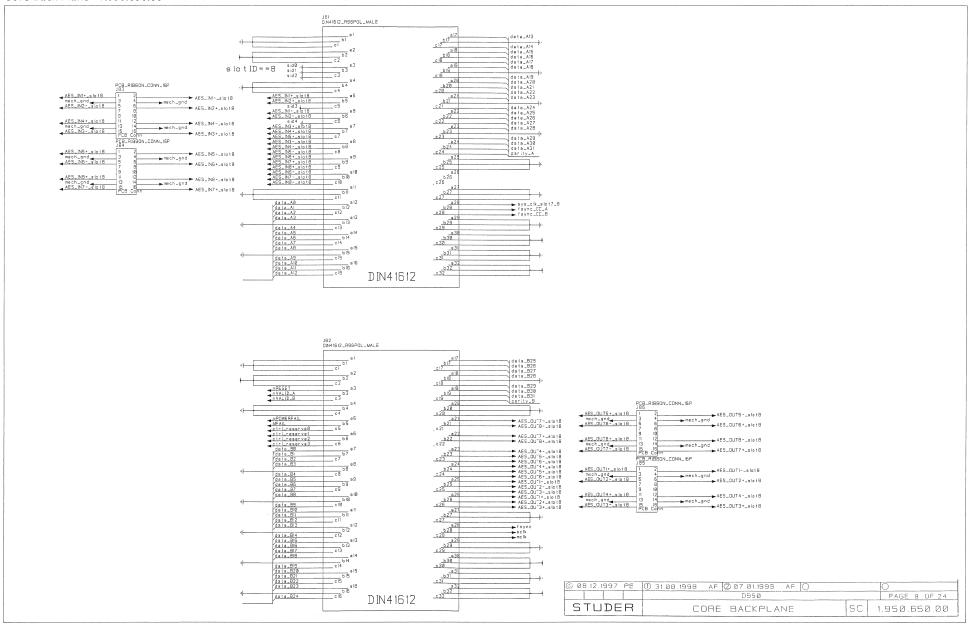
Core Back Plane 1.950.650.00

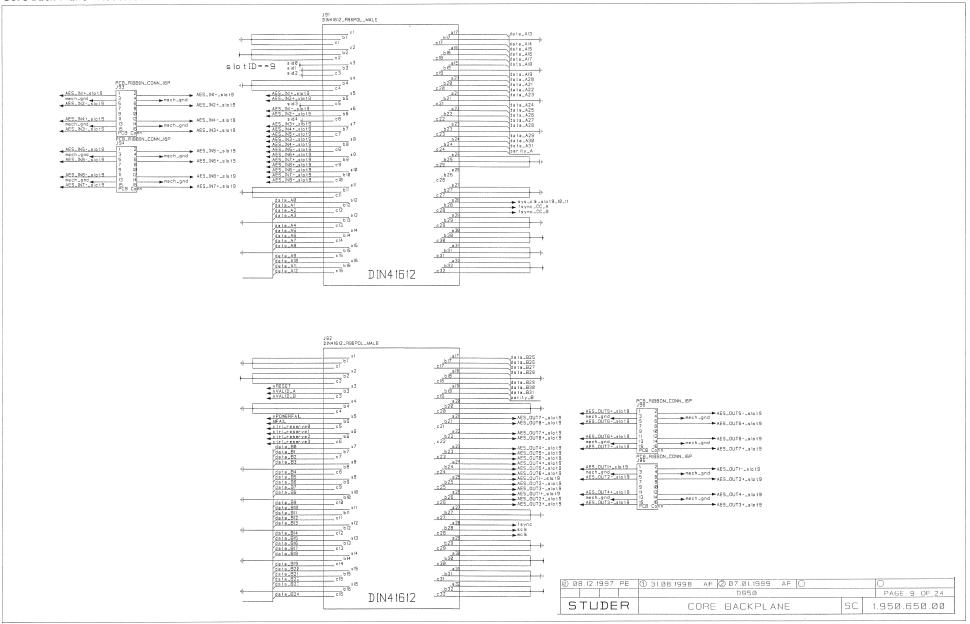


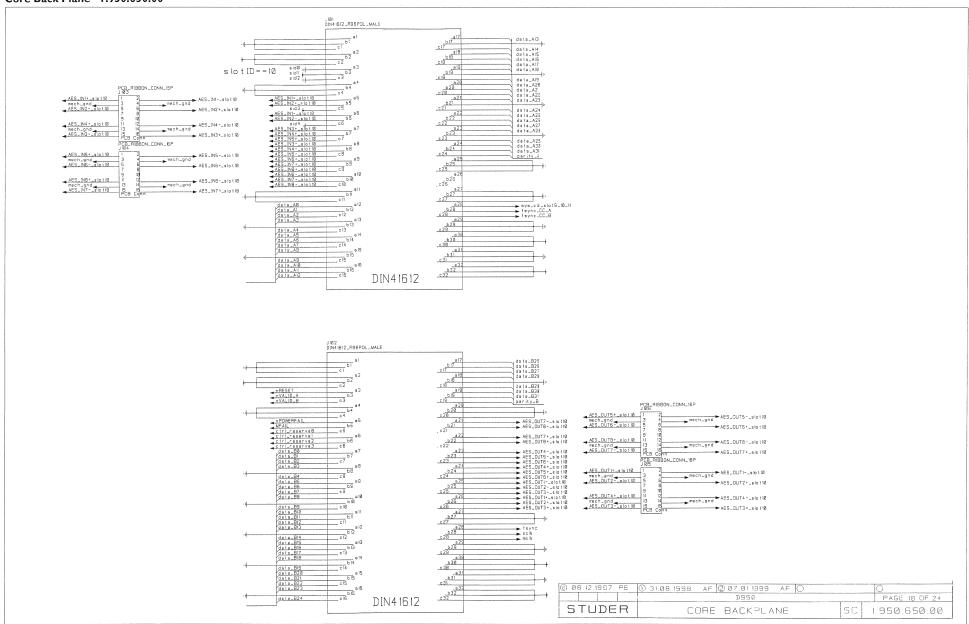
Digital Audio Processing

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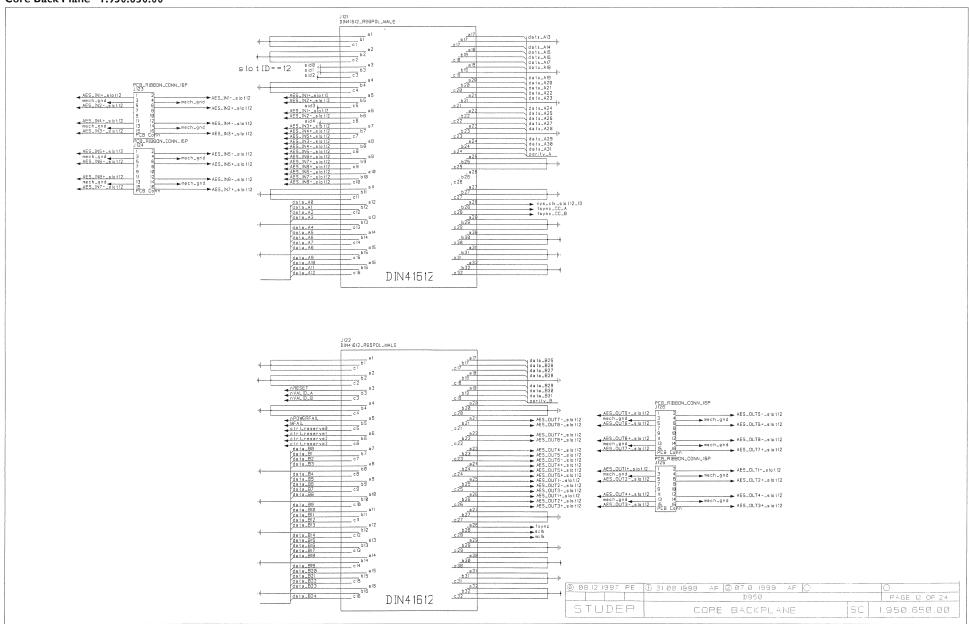




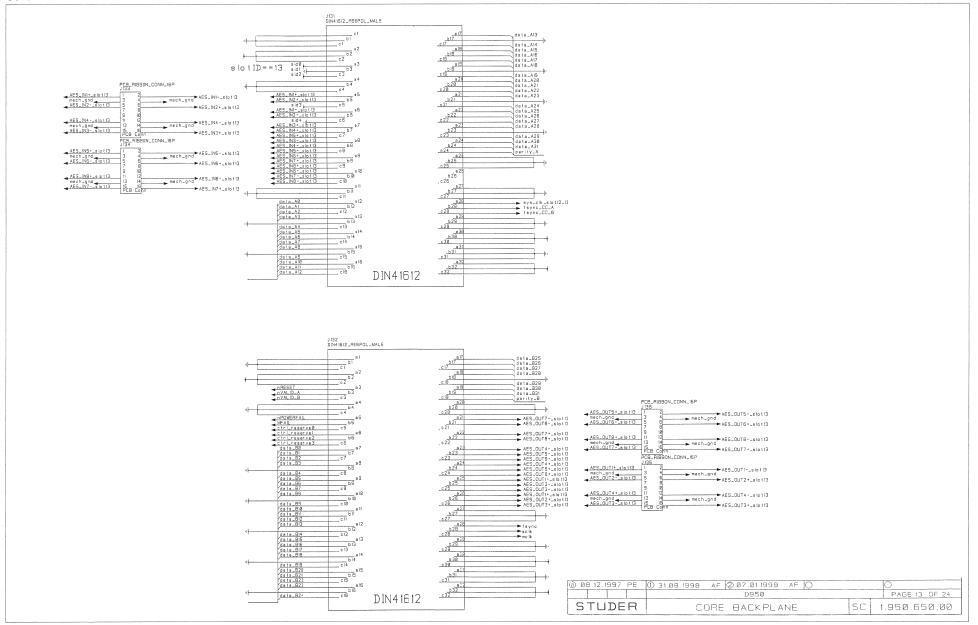


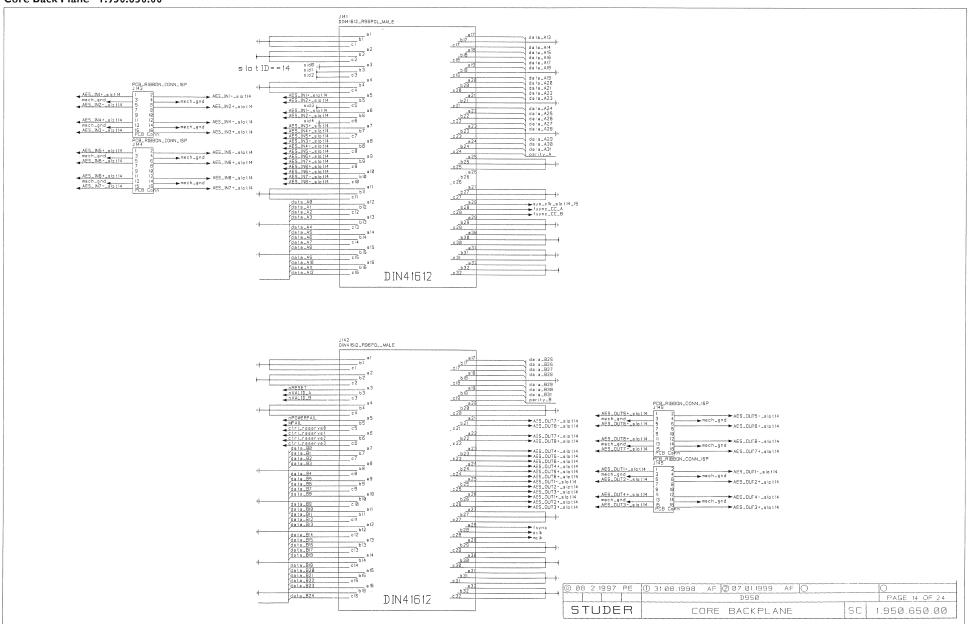


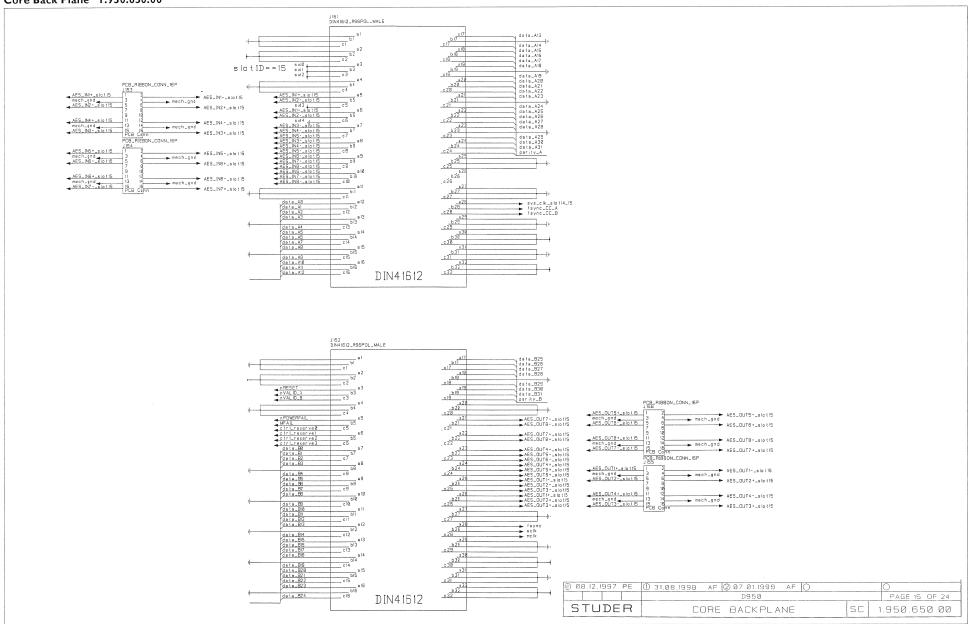


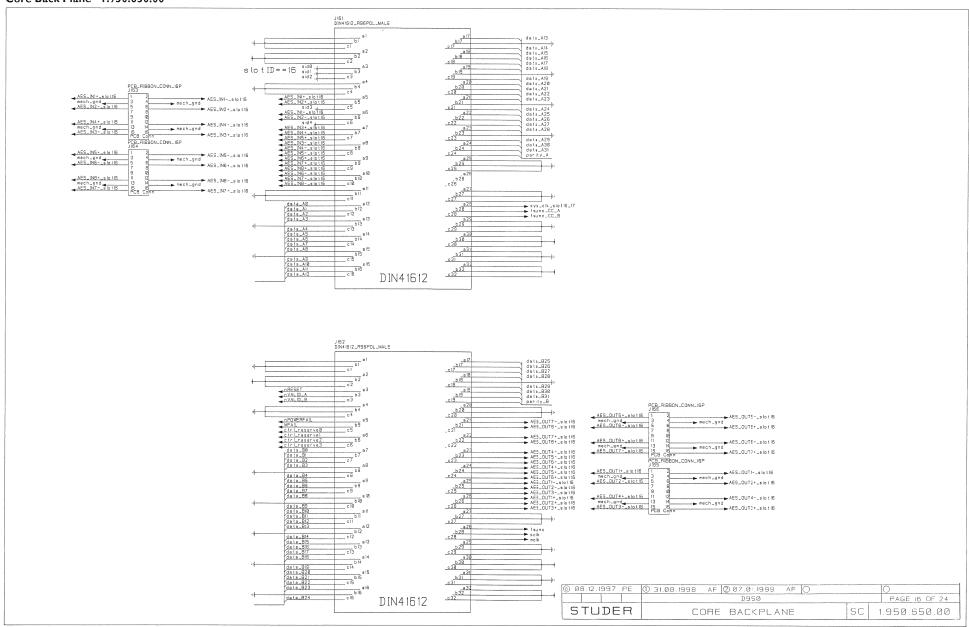


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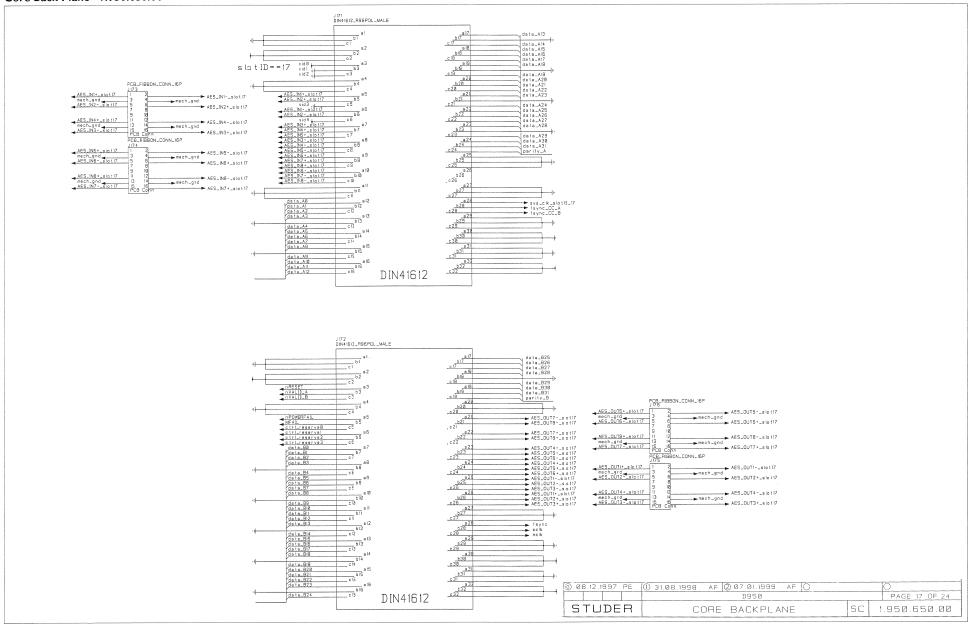


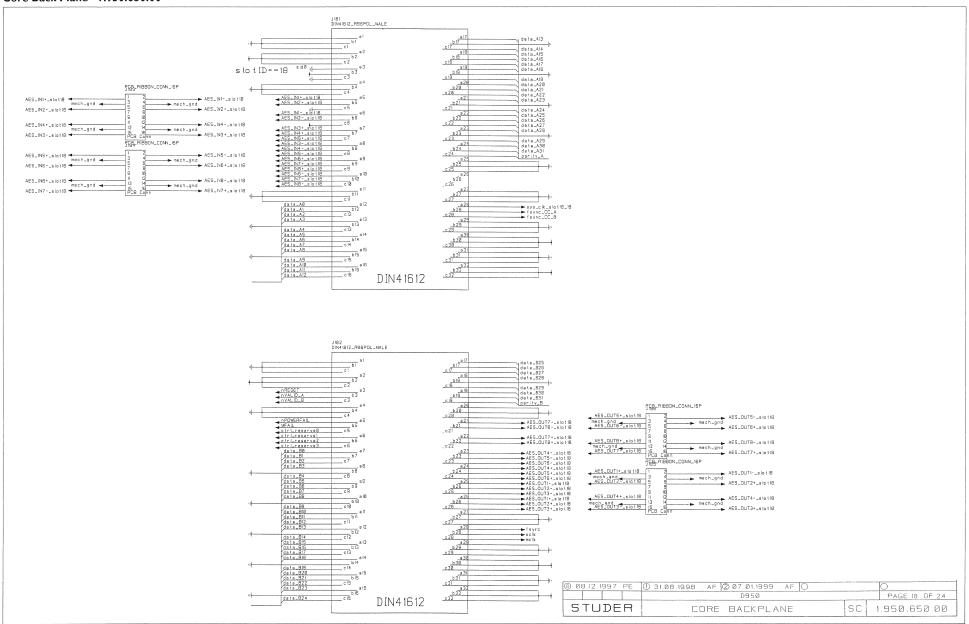




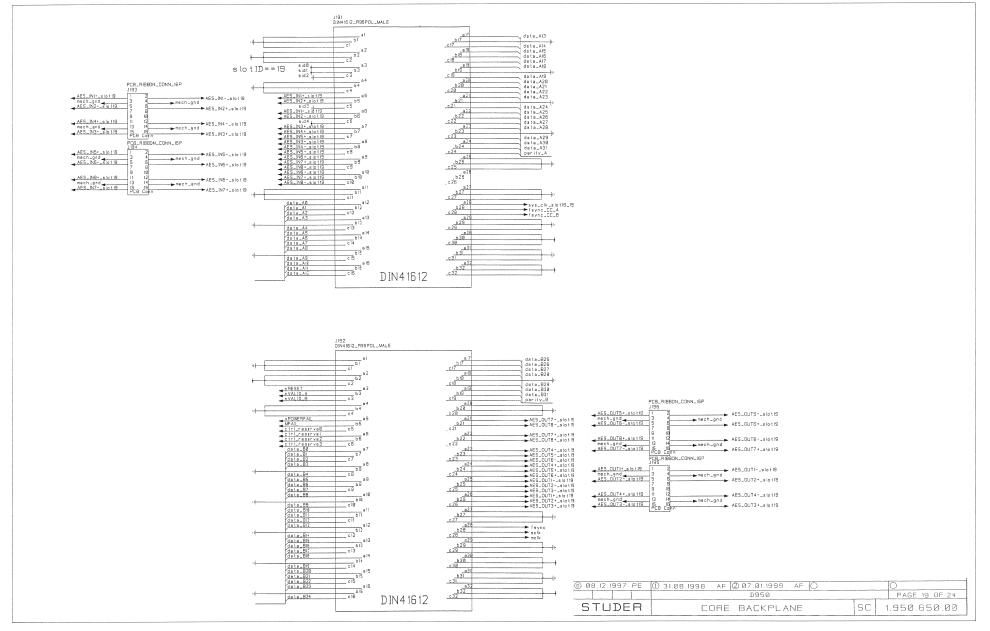


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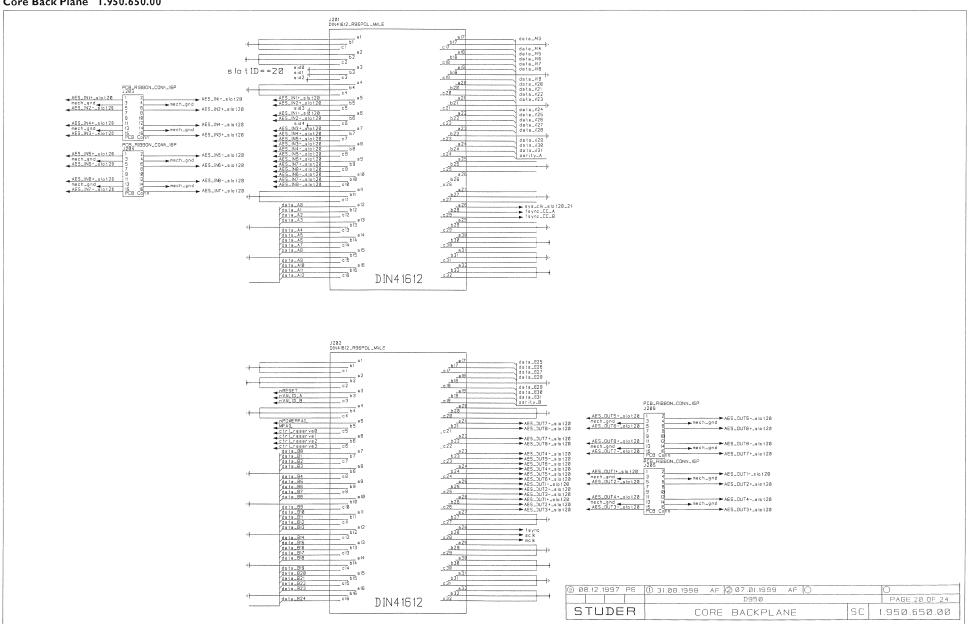




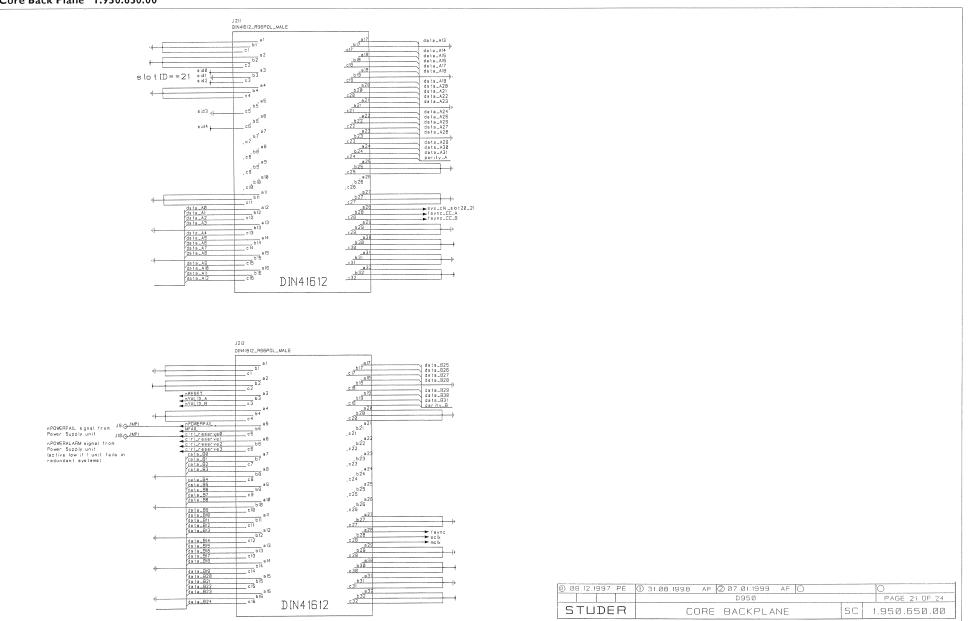
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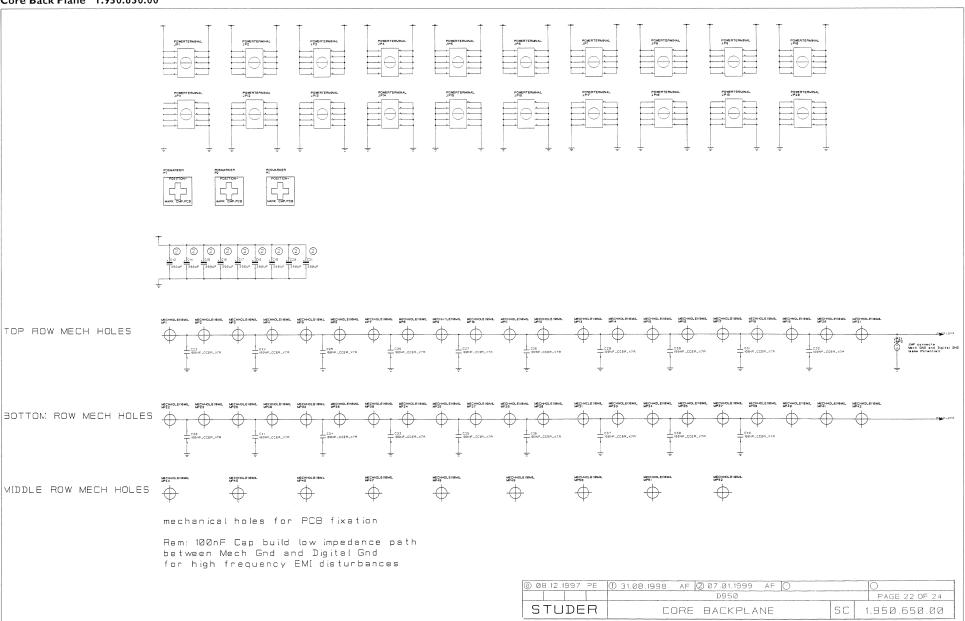


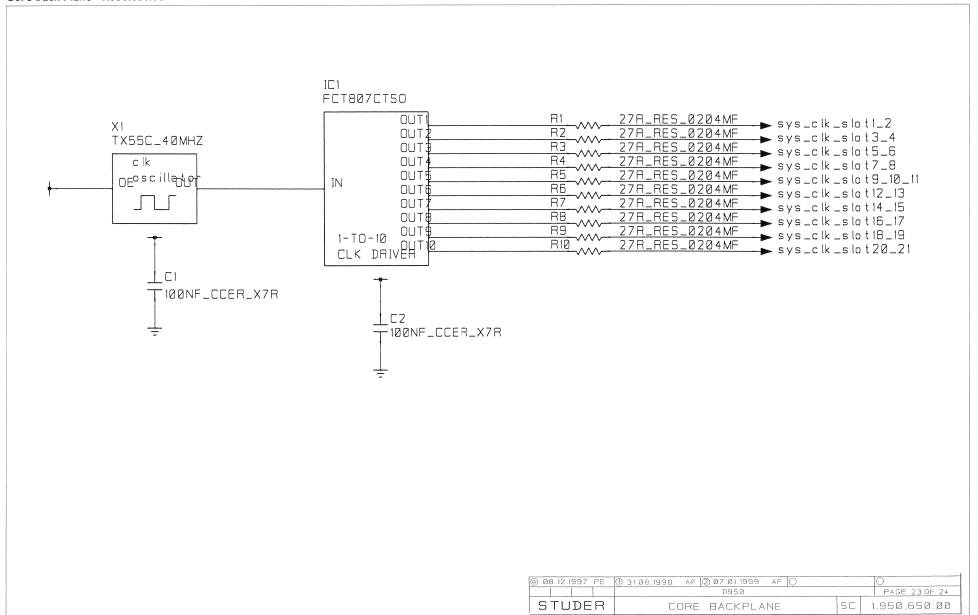
Core Back Plane 1.950.650.00



Digital Audio Processing STUDER

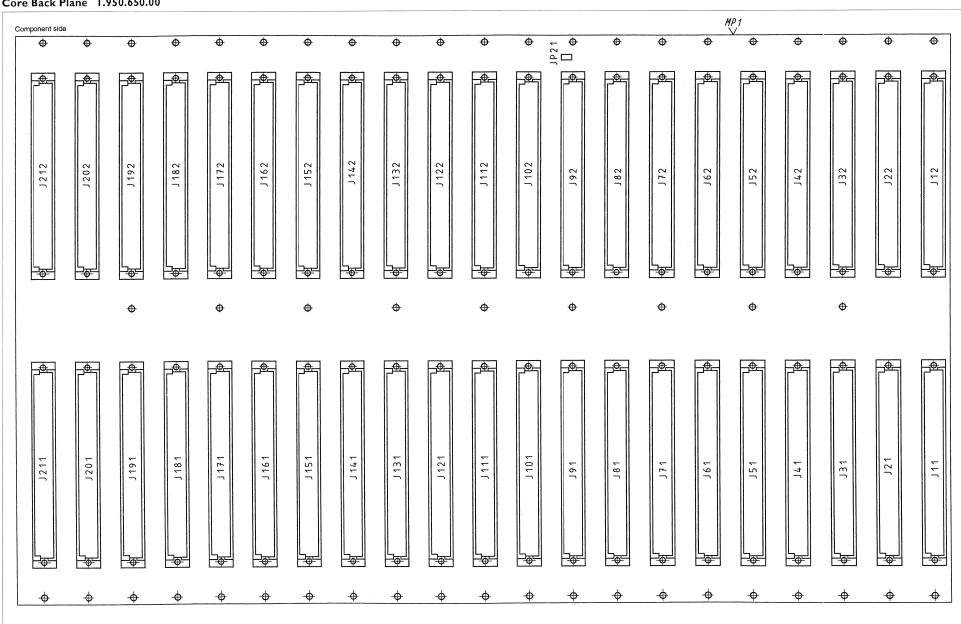


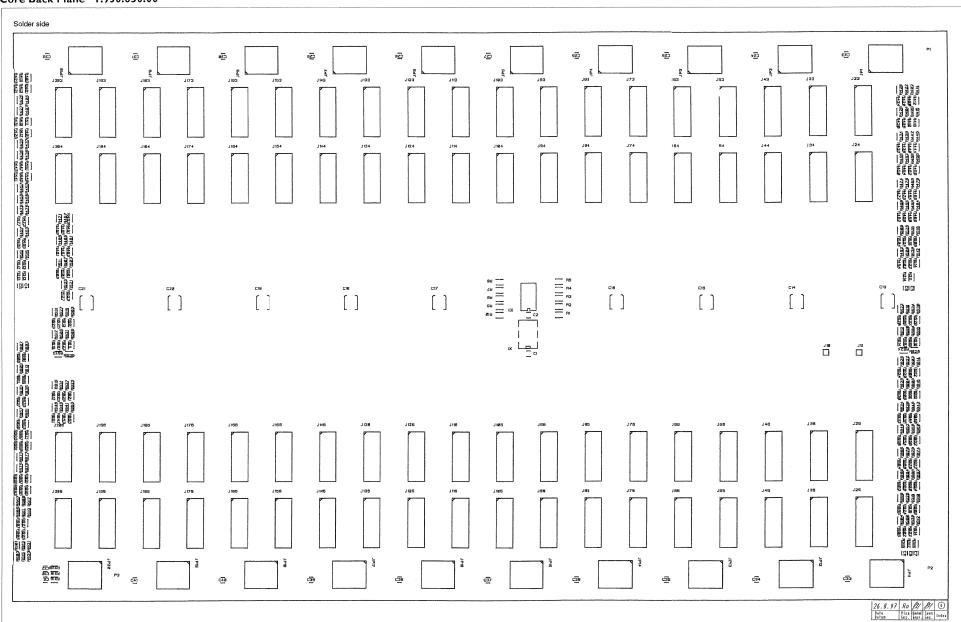




9480 9387_RES_GIRALP	F481	#432 350A_FE3_02041F	P433	N464 \$3380,9892_0204AF	#465 338F_F65_8284UF	R498 330F_F65_8284NF *	P497 338F_FES_0204LF 2 24_^2+	230E_RES_0204NE	2307_755_02041F	R812 310A_RES_0204NF	?	#864 \$308_868_82844F	P865 230P_RE5_0204NF	R898 330R_RES_8284WF	730A_RES_028+UF	R604 220F_RES_0204NF	P605 228R_F63_0204
0402 070F_RES_0204UF	R403 470F_F85_9204UF	#434 470F_RES_0204LF	R435 478F REF_8284UF		1	F498 470F_RES_0204FF	ì	#382 4789_RES_0204%F	i .	#034 470F_RES_0204NF	1	Rade 4788_FES_0204WF	į.		#590 4788_ME5_0204N#	į.	
9404 2308_855_8204NF	R405 8330R_RE5_0204MF	#436 328P_RES_82841.F	#457 \$330F_RES_020+NF	7462 230M_PES_0204W	7450 238P_RES_02046F	F580 \$330H_RE5_0204NF	F501 230F_F05_02041/F	R504 230F_RE5_0284MF	#385 \$338F_ME\$_02041.#	#836 \$30P_RES_8204I/F	F837 230n_MES_0284MF	7855 X3395_PE5_02047.F	med s \$30A_FES_0284MF	P300 330R_RES_0204MF	R801 320A_RES_0204WF	7 M503 2209 PHS 02041/F	PRESS 2208_AES_020
9488 78F_RES_02044F	#407 470F_RES_0204MF	F438 470R_MES_0204AF	9439 478P_PES_02841F	#470 #78F_RES_020+UF	R471 478R_RES_0284LM	M582 470P_M65_8284MF	P583 470F_FE6_0204UF	F306 470F_FE3_8204NF	#887 478F_RES_8294LF	M838 470M_PES_020414	# 100 - 69	#970 4799_P88_0204LF	#### #################################	M902 470P_MES_0284LM	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.551.10.8
7408 530F_FES_0284UF	#409 \$3300,765_0204N#	#140 \$228F_RES_82841#	P441 \$200F_RES_82041JF	##72 \$120F_RES_0104UF	P473 230P_R63_0204I/F	#504 \$330P_RES_0204UF	#505 230R_RES_02041MF	F888 \$388,863,0204MF	#809 \$3308_#65_b294MF	#848 \$2300,065_8284MF	#841 \$3000_RES_B2044#	#8572 220F_PES_02041#	#873 230F_MES_0204MP	7994 3397_PE3_0284)/F	#085 \$2589_RES_0284NF	330F_RES_02046F	78513 2389-PES-82
1418 FOR MES BIR 41/P	#411 478M_MES_D2046M	P442 470P_RES_0204I/F	#443 #798_PES_02046#	R474 470F_PDS_0334UF	# 175 470P_RES_0204NF	A506 478P_RE3_0204LF	7507 F507 F70M_MES_B204NF	RGIO 478M_RES_0204MF	#811 470K_PES_0204MF	R842 478F_R65_8204MF	R843 470F-R8310204MF	P874 470P_RES_8204UF	7.075 8775 8709_PES_0784 LIF	R986 470F_RES_82847/F	#307 #307 #309_RES_B2D4N#	R614 47 8PL-PES_0204MP	#615 4789_PES_821
R492 3285 855 828445	R412 \$330R_RES_02841JE	78444 \$3391_RES_0284MF	794.45 2390, FES. 07841F	F476 \$330F,RES_0204+#		RS08 \$338F_RES_0204WF	R589 R58 ,020 41,41	HB12 730F.RES_0284MF	R813 \$ 238F, PRE 5_02041/8	#844 3384_F65_0204NF	E 2300 LRES 0204NF	#876 \$3301.MESL0204AF		FB02 330P_RES_0204M*	E809 5309-ME3-0204MR	= = = = = = = = = = = = = = = = = = =	RG17
	#415 470P_RES_02041AF	F445 +70P_RE5_8284M	21m2n - 411		### - ATS	PEND	B € 8 = A 27	M814 470F_PES_0204NF		-	#847 4709_RES_0284NF	#878 #1788_RE5_0204LF		RBIR 470R_RES_9204LIF	### = 827	R810 470F_RES_828+MF	P699 470R_P69_02
F416	#417 \$339R_RES_02041/F	7448 338P_RES_8284IF				FIST2 2284 AF		# H818 330FLRES_0204NF	Rest. 200 000 000 000 000 000 000 000 000 00		#849 3399_R65_8284NF	\$339F.FES_020+W	1100 des 220416	#912 \$339F_RES_0284WF	H913	7528 2330A_RES_0204MF	J. R621
	}	R458 470F_RES_0204W	- 412		R483 478P_R65_0284MF	ASI4 470P_MBS_B284./F	- ×20	PB18 4709_965_0204NF	-8-64	}	7001 -812 4700-RES_8284AF	1		9914 47871_P86_0284NF		M622 470P_RES_0204MF	\$
1420		F452			H485 S30R, RES_02441.€		PS17 230F_RES_0704MF	### ##################################	= = = = = = = = = = = = = = = = = = =	↓ Fassz	7853 230F_RES_8204AF	758 4 \$ 228P_R65 , 020415		R916 238M_RET_0284NF	N8917		# PB25
	74.21 330P_PES_02044F 430P_AS P4.22 470P_PES_02044F	}	# # A 13	}	730R_RES_0244/#	7518 470A_RES_0204VF		7326 - PES_02046F	- 65		230F_HES_8294MF	ABBS 478R_RES_020416	- 192 - 021	R918 4709_RES_0204WF	d 3 - 829	RBZ6 470F_MES_8204NF	\$
	<u></u>	<u> </u>	<u> </u>	Ţ T	<u>↓</u> T	<u></u>	<u></u>	<u></u>	<u> </u>	<u></u>]	<u>.</u> J	-	=		<u></u>	-
***	P425 330R_PES_0204MF	M458 2209_RE9_8204MF	2 Ma - A14	}	730F, RES_02041#	7330F_RE3_0204VF	#521 3308_RES_0204WF	R826	44.00	}	A967 3308_R65_8204MP	7090 7090, RES_8284NF	280-022	R922 +790_RES_8284NF	2 gr - 070	7628 7397 _ RES_0204MP 7620 4707 _ RES_0204MP	J.,
-	\$ 100 mm	<u>+</u>	-	-	<u></u>	<u></u>	<u></u>	<u>+</u>	<u></u>	<u></u>	<u></u>	<u></u>	*	*	+	*	}
	R429 330R_RES_0204MF	-	R451 2387_PES_02944F 3326_A45		l l	9524 2309_FE3_6204VF		7628 330P_RES_0204NF	- 1943 - 87	}	730P_HE5_02044F	R892 330R_R85_020+1/P	- 023 - 023	RB24 328M_RES_028+MF	434,000	M832 330H_RES_0204MP	R833 3309_968_02
470A_RE5_0204UF	M423 470F_PES_0284IJF	P482 4798_RES_828414	\$4780_PES_02841F	470P_RES_0284WF	P495 478R_RES_0204LF	R528 470F_F85_8204VF	\$470M_F65_02046F	70R_R85_0204NF	¥170A_HES_02041F	\$470R_RES_0284LF	+70P_NES_02046F	\$4789_RES_02841#	**************************************	\$478P_RES_0284NF	470R_FES_0284WF	\$ 70F_RES_0284MF	FRG.5 +709_9ES_020
13H 12F_FES_0204KF	P312 82F_PES_029+MF	M313 02M_M6E_0304NP	A314 02FL PES _0284NF	R315 82F_R65_028+L4F	#3 IS 0204 MF	5(1)	M316 \$27F_FEE_02046F	R319 0276_RES_02041/F	R320 527-A65-020418	}	F68)	0 08 12 1997 PF	@ 31.08.1998	4E (2) 07 01 10	99 AF 10		
CI OSPF_CCER	Lotter Loose	L CB BBPR_CCER	Liser.cose	I CT BBPF_CCER	Cs aspe_ccen	CS COER COER	ESPF_CCER	TOBAR_CCEA	L CIZ SEPF_CCER	P682 478F_F65_02041F	\$ 1709_RES_070+NF	STUDEF		D950 D950 ORE BACKF		SC 1.95	AGE 24 DF

Core Back Plane 1.950.650.00





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Pos.	Part No. Qty. 1	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty. Typ	/Val. Description
21		100n	OFD 501/ 401/ YZD 0005	0 J 84	54.14.4016	16p	1000 Au assale Asliencia	0 JP 9	53.05.0147	1p	Kabelklemme mit 10 Action-Piris	0 R 449	57.60.1331 3301	MF, 1%, 0204, E24
1		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V 10%, X7R, 0805	0 J84 0 J85	54.14.4016 54.14.4016		1/20" Au, gerade, Actionpin	0 JP 10	53.05.0147	1p 1p	Kabelklemme mit 10 Action-Pins Kabelklemme mit 10 Action-Pins	0 R 450	57.60.1331 3301	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	00.00.0001					16p	1/20" Au, gerade, Actionpin		00110101111					
		38p	CER 50V, 5%, C0G, 0805	0 J86	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 JP 11	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 451	57.60.1471 470	
	59.60.2345	38p	CER 50V, 5%, C0G, 0805	0 J 91	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 JP 12	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 452	57.60.1331 3306	
	59.60.2345	88p	CER 50V, 5%, C0G, 0805	0 J92	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 JP 13	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 453	57.60.1331 3308	MF, 1%, 0204, E24
	59.60.2345	68p	CER 50V, 5%, COG, 0805	0 J93	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 JP 14	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 454	57.60.1471 470	MF, 1%, 0204, E24
		68p	CER 50V. 5%. COG. 0805	0 J94	54.14.4016	16p	1/20* Au, gerade, Actionpin	0 JP 15	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 455	57.60.1471 4708	MF, 1%, 0204, E24
		68p	CER 50V. 5%, COG. 0805	0 J95	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 JP 16	53.05.0147	1p	Kabelkiemme mit 10 Action-Pins	0 R 456	57.60.1331 3308	MF, 1%, 0204, E24
								0 JP 10	53.05.0147		Kabelklemme mit 10 Action-Pins	0 R 457	57.60.1331 330	
		68p	CER 50V, 5%, C0G, 0805	0 J96	54.14.4016	13p	1/20" Au, gerade, Actionpin			1p				
0		68p	CER 50V, 5%, C0G, 0805	0 J 101	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 JP 18	53.05.0147	1p	Kabelklemme mit 10 Action-Pins		57.60.1471 470	
1	59.60.2345	68p	CER 50V, 5%, C0G, 0805	0 J 102	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 JP 19	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 459	57.60.1471 4708	MF, 1%, 0204, E24
2	59.60.2345	68p	CER 50V, 5%, C0G, 0805	0 J 103	54.14.4016	18p	1/20" Au, gerade, Actionpin	0 JP 20	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 460	57.60.1331 3308	MF, 1%, 0204, E24
3	59.22.9562	390u	EL 6.3V. 20%, RM5, low ESR	0 J 104	54.14.4016	18p	1/20" Au, gerade, Actionpin	0 JP 21	54.01.0020	1p	Pin 0.63*0.63	0 R 461	57.60.1331 3308	MF. 1%, 0204, E24
1		390u	EL 6.3V, 20%, RM5, low ESR	0 J 105	54.14.4016	18p	1/20" Au, gerade, Actionpin		0.110.1100.00	.,,		0 R 462	57.60.1471 470	MF. 1%, 0204, E24
		3900	EL 6.3V 20% RM5 low ESR					0 MP1	1.950650.11		BACK PLANE PGB	0 R 463	57.60.1471 4701	
5	00.111.0031	0000		0 J 106	54.14.4016	18p	1/20" Au, gerade, Actionpin							
3		390u	EL 6.3V, 20%, RM5, low ESR	0 J 111	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 2	1.950.650.04		NR. ETIKETTE 5 * 20		57.60.1331 330F	
7	59.22.9562	390u	EL 6.3V, 20%, RM5, low ESR	0 J 112	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R1	57.60.1560	56R	MF, 1%, 0204, E24	0 R 465	57.60.1331 330F	
8	59.22.9532	390u	EL 6.3V, 20%, RM5, low ESR	0 J 113	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R2	57 60 1560	56R	MF, 1%, 0204, E24	0 R 466	57.60.1471 470F	MF, 1%, 0204, E24
9		390u	EL 6.3V, 20%, RM5, low ESR	0 J 114	54,14,4016	16p	1/20" Au, gerade, Actionpin					0 R 467	57.60.1471 4709	MF. 1%, 0204, E24
		390u	EL 6.3V, 20%, RM5, low ESR	0 J 115	54.14.4016	16p	1/20" Au. gerade, Actionpin	0 R3	57.60.1560	56R	MF, 1%, 0204, E24	0 R 468	57.60.1331 330F	MF, 1%, 0204, E24
0								0 R4	57.60.1560	56R	MF, 1%, 0204, E24	0 R 469	57.60.1331 330F	
1		390u	EL 6.3V, 20%, RM5, low ESR	0 J 116	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R5	57.60.1560	56R	MF, 1%, 0204, E24			1111 (170) OLO 1, CL
3		100n	CER 50V, 10%, X7F, 0805	0 J 121	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R6	57.60.1560	56R	MF, 1%, 0204, E24	0 R 470	57.60.1471 470F	
4	59.60.3337	100n	CER 50V, 10%, X7F, 0805	0 J 122	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R7	57.60.1560	56R	MF. 1%, 0204, E24	0 R 471	57.60.1471 470F	
.5		100n	CER 50V. 10%, X7F, 0805	0 J 123	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R8	57.60.1560	56R	MF, 1%, 0204, E24 MF 1%, 0204, E24	0 R 472	57.60.1331 330F	MF, 1%, 0204, E24
5 6		100n	CER 50V, 10%, X7F, 0805	0 J123	54.14.4016	16p	1/20" Au, gerade, Actionpin					0 R 473	57.60.1331 330F	MF, 1%, 0204, E24
								0 R9	57.60.1560	56R	MF, 1%, 0204, E24		57.60.1471 470F	MF, 1%, 0204, E24
7		100n	CER 50V, 10%, X7R, 0805	0 J 125	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 10	57.60.1560	56R	MF, 1%, 0204, E24			
3		100n	CER 50V, 10%, X7R, 0805	0 J 126	54.14.4016	16p	1/20" Au, gerade, Actionpin	1 R 311	57.60.1820	82R	MF, 1%, 0204, E24	0 R 475	57.60.1471 470F	
9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J 131	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	1 R 312	57 60 1820	82R	MF. 1%, 0204, E24	0 R 476	57.60.1331 330F	
0		100n	CER 50V, 10%, X7R, 0805	0 J 132	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	1 R 313	57.60.1820	82R	MF. 1%, 0204, E24	0 R 477	57.60.1331 330F	MF, 1%, 0204, E24
1		100n	CER 50V 10% X7E 0805	0 1133	54 14 4016	16p	1/20" Au, gerade, Actionpin					0 R 478	57.60.1471 470F	
				0 0 100				1 R 314	57.60.1820	82R	MF, 1%, 0204, E24	0 R 479	57.60.1471 470F	100 100 000 1000
2		100n	CER 50V, 10%, X7R, 0805	0 J 134	54.14.4016	16p	1/20" Au, gerade, Actionpin	1 R 315	57.60.1820	82R	MF, 1%, 0204, E24			
3		100n	CER 50V, 10%, X7R, 0805	0 J 135	54.14.4016	16p	1/20" Au, gerade, Actionpin	1 R 316	57.60.1820	82R	MF, 1%, 0204, E24	0 R 480	57.60.1331 330F	MF, 1%, 0204, E24
4	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J 136	54.14.4016	16p	1/20" Au, gerade, Actionpin	1 R 317	57.60.1820	82R	MF. 1%, 0204, E24	0 R 481	57.60.1331 330F	
5	59.60.3337	100n	CER 50V. 10%. X7R. 0805	0 J 141	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	1 R 318	57.60.1820	82R	MF. 1%, 0204, E24	0 R 482	57.60,1471 470F	MF, 1%, 0204, E24
3		100n	CER 50V. 10%, X7R, 0805	0 J 142	1.940.550.01		MESSERLEISTE 96 poi DIN 41612					0 R 483	57.60.1471 470F	MF, 1%, 0204, E24
		100n	CER 50V 10% X7P 0805	0 J142	54.14.4016	16p		1 R 319	57.60.1820	82R	MF, 1%, 0204, E24	0 R 484	57 60 1331 3306	ME 1% 0204 E24
7							1/20" Au, gerade, Actionpin	1 R 320	57.60.1820	82R	MF, 1%, 0204, E24			
8		100n	CER 50V, 10%, X7R, 0805	0 J 144	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 400	57.60.1331	330R	MF, 1%, 0204, E24	0 R 485		
9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J 145	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 401	57.60.1331	330R	MF, 1%, 0204, E24	0 R 486	57.60.1471 470F	
0	59.60.3337	100n	CER 50V. 10%, X7R, 0805	0 J 146	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 402	57.60.1471	470R	MF. 1%, 0204, E24	0 R 487	57.60.1471 470F	MF, 1%, 0204, E24
1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J 151	1.940.550.01	100	MESSERLEISTE 96 pol DIN 41612			470R		0 R 488	57.60.1331 3309	
	33.00.3001	10011	OLIT 604, 1074, 7711, 5060	0 J152	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 403	57.60.1471		MF, 1%, 0204, E24	0 R 489	57.60.1331 3306	
								0 R 404	57.60.1331	330R	MF, 1%, 0204, E24	0 R 490	57.60.1331 3307	
1	50.62.6907	74FCT807	Share Clock-Driver	0 J 153	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 405	57.60.1331	330R	MF, 1%, 0204, E24			
				0 J 154	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 408	57 60 1471	470R	MF. 1%, 0204, E24	0 R 491	57.60.1471 470	
	54.01.0020	1p	Pin 0.63*0.63	0 J 155	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 407	57.60.1471	470R	MF, 1%, 0204, E24	0 R 492	57.60.1331 330	MF, 1%, 0204, E24
0	54.01.0020	1p	Pin 0.63*0.63	0 J 156	54.14.4016	16p	1/20" Au, gerade, Actionpin			330R	MF, 1%, 0204, E24	0 R 493	57.60.1331 3309	
1	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 161	1.940.650.01	юр	MESSERLEISTE 96 poi DIN 41612		57.60.1331			0 R 494	57.60.1471 470	MF. 1%. 0204, E24
2	1.940.550.01		MESSERLEISTE 96 ool DIN 41612	0 J162	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 409	57.60.1331	330R	MF, 1%, 0204, E24	0 R 495	57.60.1471 470	
			The second secon					0 R 410	57.60.1471	470R	MF, 1%, 0204, E24			
	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 163	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 411	57.60.1471	470R	MF, 1%, 0204, E24	0 R 496	57.60.1331 3301	
	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 164	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 412	57.60.1331	330R	MF. 1%, 0204, E24	0 R 497	57.60.1331 3301	MF, 1%, 0204, E24
3		16p	1/20" Au, gerade, Actionpin	0 J 165	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 413	57.60.1331	330R	MF. 1%, 0204, E24	0 R 498	57.60.1471 4701	MF, 1%, 0204, E24
		16p	1/20" Au, gerade, Actonpin	0 J 166	54.14.4016	16p	1/20" Au, gerade, Actionpin		57.60.1471	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 499	57.60.1471 470	MF. 1%, 0204, E24
1				0 1171	1.940.550.01	TOP	MESSERLEISTE 96 pol DIN 41612					0 R 500	57.60.1331 330	
5		16p	1/20" Au, gerade, Actonpin					0 R 415	57.60.1471	470R	MF, 1%, 0204, E24			
3	54.14.4016	16p	1/20" Au, gerade, Actonpin	0 J 172	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 R 416	57.60,1331	330R	MF, 1%, 0204, E24	0 11 001	57.60.1331 3301	
1	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 173	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 417	57.60.1331	330R	MF, 1%, 0204, E24	0 R 502	57.60.1471 470	
2	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 174	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 418	57.60.1471	470R	MF, 1%, 0204, E24	0 R 503	57.60.1471 470	MF, 1%, 0204, E24
3		16p	1/20" Au gerade. Actionoin	0 J 175	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 419	57.60.1471	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 504	57.60.1331 330	MF, 1%, 0204, E24
				0 J 176	54.14.4016							0 R 505	57.60.1331 330	
4		16p	1/20" Au, gerade, Actonpin			16p	1/20" Au, gerade, Actionpin	0 R 420	57.60.1331	330R	MF, 1%, 0204, E24	0 R 506	57.60.1471 470	
i 5		16p	1/20" Au, gerade, Actionpin	0 J 181	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 421	57.60.1331	330R	MF, 1%, 0204, E24		57.60.1471 470 57.60.1471 470	
		16p	1/20" Au, gerade, Actonpin	0 J 182	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 R 422	57.60.1471	470R	MF, 1%, 0204, E24			
	1,940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 183	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 423	57.60.1471	470R	MF, 1%, 0204, E24	0 R 508	57.60.1331 330	
2	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 184	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 424	57.60.1331	330R	MF. 1%, 0204, E24	0 R 509	57.60.1331 330	
		16n	1/20" Au. gerade. Actionpin	0 J 185	54.14.4016	16p	1/20" Au. gerade, Actionpin	0 R 425	57.80.1331	330R	MF, 1%, 0204, E24	0 R 510	57.60.1471 470	
		16p	1/20" Au, gerade, Actionpin	0 J 186	54.14.4016	16p	1/20" Au, gerade, Actionpin					0 R 511	57.60.1471 470	MF, 1%, 0204, E24
					1 940 550 01	TOP		0 R 426	57.50.1471	470R	MF, 1%, 0204, E24	0 R 512	57.60.1331 330	
i		16p	1/20" Au, gerade, Actionpin	0 J 191			MESSERLEISTE 96 poi DIN 41612	0 R 427	57.80.1471	470R	MF, 1%, 0204, E24	0 R 512	57.60.1331 330	
		16p	1/20" Au, gerade, Actionpin	0 J 192	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 428	57.80.1331	330R	MF, 1%, 0204, E24			
	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 193	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 429	57.60.1331	330R	MF. 1%, 0204, E24	0 R 514	57.60.1471 470	
	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 194	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 430	57.60.1471	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 515	57.60.1471 470	
		16p	1/20" Au, gerade, Actionpin	0 J 195	54.14.4016	16p	1/20° Au, gerade, Actionpin					0 R 516	57.60.1331 330	MF, 1%, 0204, E24
		16p		0 J195	54.14.4016	16p	1/20" Au, gerade, Actionoin	0 R 431	57.60.1471	470R	MF, 1%, 0204, E24	0 R 517	57.60.1331 330	MF, 1%, 0204, E24
			1/20" Au, gerade, Actionpin			iob		0 R 432	57.60.1331	330R	MF, 1%, 0204, E24	0 R 518	57.60.1471 470	MF. 1%, 0204, E24
		16p	1/20" Au, gerade, Actionpin	0 J 201	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 R 433	57.60.1331	330R	MF, 1%, 0204, E24			
		16p	1/20" Au, gerade, Actionpin	0 J 202	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 434	57.60,1471	470R	MF, 1%, 0204, E24	0 R 519		
	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 203	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 435	57.60.1471	470R	MF. 1%, 0204, E24	0 R 520	57.60.1331 330	
	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 J 204	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 436		330R	MF, 1%, 0204, E24 MF 1% 0204 F24	0 R 521	57.60.1331 3301	MF, 1%, 0204, E24
		16p	1/20" Au, gerade, Actionpin	0 J 205	54.14.4016	16p	1/20" Au, gerade, Actionpin		57,60.1331			0 R 522	57.60.1471 470	
								0 R 437	57.60.1331	330R	MF, 1%, 0204, E24	0 R 523	57.60.1471 470	
		16p	1/20" Au, gerade, Actionpin	0 J 206	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 R 438	57.60.1471	470R	MF, 1%, 0204, E24			
		16p	1/20" Au, gerade, Actionpin	. 0 J 211	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 439	57.60 1471	470R	MF, 1%, 0204, E24	0 R 524	57.60.1331 3301	
		16p	1/20" Au. gerade, Actionpin	0 J 212	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 R 440	57.60.1331	330R	MF, 1%, 0204, E24	0 R 525	57.60.1331 3301	MF, 1%, 0204, E24
	1 940 550 01	·-P	MESSERLEISTE 96 pol DIN 41612	0 01.1	1.0 10.000.01							0 R 526	57.60.1471 470	
2				- 10.	50.05.04.5		Kabelkiemme mit 10 Action-Pins	0 R 441	57.60.1331	330R	MF, 1%, 0204, E24	0 R 527	57.60.1471 470	
	1.940.550.01		MESSERLEISTE 96 pai DIN 41612	0 JP1	53.05.0147	1p		0 R 442	57.60.1471	470R	MF, 1%, 0204, E24			
3		16p	1/20" Au, gerade, Actionpin	0 JP 2	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 443	57.60.1471	470R	MF, 1%, 0204, E24	0 R 600	57.60.1331 330	
1	54.14.4016	16p	1/20" Au, gerade, Actionpin	0 JP3	53.05.0147	1p	Kabelklemme mit 10 Action-Pins	0 R 444	57.60.1331	330R	MF. 1%, 0204, E24	0 R 601	57.60.1331 330	
5		16p	1/20" Au, gerade, Actionpin	0 JP4	53.05.0147	1p	Kabelklemme mit 10 Action-Pins					0 R 602	57.60,1471 470	
6			1/20° Au, gerade, Actionpin	0 JP5	53.05.0147		Kabelklemme mit 10 Action-Pins	0 R 445	57.60.1331	330R	MF, 1%, 0204, E24	0 R 603	57 60 1471 470	
		16p				1p		0 R 446	57.60.1471	470R	MF, 1%, 0204, E24	1 R 604	57.60.1471 470	
	1.940.550.01		MESSERLEISTE 96 tol DIN 41612	0 JP6	53.05.0147	1p	Kabeiklemme mit 10 Action-Pins	0 R 447	57.60.1471	470R	MF, 1%, 0204, E24		57.60.1221 220 57.60.1221 220	
						1p	Kabelklemme mit 10 Action-Pins							
81 82	1.940.550.01	16p	MESSERLEISTE 96 poi DIN 41612	0 JP 7	53.05.0147	ıμ	Kabeiklemme mit 10 Action-Pins	0 R 448	57.60.1331	330R	MF, 1%, 0204, E24	1 R 605 0 R 606	57.60.1221 220	



X	Pos.	Part No.	Qty.	Type/Val.	Description	ldx	F	os.	Part No.	Qty.	Type/Val.	Description
	R 607	57.60.1471		470R	MF, 1%, 0204, E24	0	F	8 856	57.60.1331		330R	MF, 1%, 0204, E24
	R 608	57.60.1221		220R	MF, 1%, 0204, E24	0		R 857	57.60.1331		330R	MF, 1%, 0204, E24
	R 609	57.60.1221		220R	MF, 1%, 0204, E24	0		R 858	57.60.1471		470R	MF, 1%, 0204, E24
	R 610	57.60.1471		470R	MF, 1%, 0204, E24	0		₹ 859	57.60.1471		470R	MF, 1%, 0204, E24
	R 611	57.60.1471		470R	MF, 1%, 0204, E24	0		860	57.60.1331		330R	MF, 1%, 0204, E24
	R 612	57.60.1331		330R	MF, 1%, 0204, E24	0		8 851	57,50,1331		330R	MF, 1%, 0204, E24
	R 613	57.60.1331		330R	MF, 1%, 0204, E24	0		R 862	57.60.1471		470R	MF, 1%, 0204, E24
	R 614	57.60.1471		470R	MF, 1%, 0204, E24	0		R 863	57.60.1471		470R	MF, 1%, 0204, E24
	R 615	57.60.1471		470R	MF, 1%, 0204, E24	ō		R 864	57.60.1331		330R	MF, 1%, 0204, E24
	R 616	57.60.1331		330R	MF, 1%, 0204, E24	0		R 865	57.60.1331		330R	MF, 1%, 0204, E24
					MF, 1%, 0204, E24	0		R 866	57.60.1471		470R	MF, 1%, 0204, E24
	R 617	57.60.1331		330R							470R	
	R 618	57.60.1471		470R	MF, 1%, 0204, E24	0		R 867	57.60.1471 57.60.1331			MF, 1%, 0204, E24
	R 619	57.60.1471		470R	MF, 1%, 0204, E24	0		₹ 868			330R	MF, 1%, 0204, E24
	R 620	57.60.1331		330R	MF, 1%, 0204, E24	0		R 869	57.60.1331		330R	MF, 1%, 0204, E24
	R 621	57.60.1331		330R	MF, 1%, 0204, E24	0		₹ 870	57.60.1471		470R	MF, 1%, 0204, E24
	R 622	57.60.1471		470R	MF, 1%, 0204, E24	0		R 871	57,60,1471		470R	MF, 1%, 0204, E24
	R 623	57.60.1471		470R	MF, 1%, 0204, E24	0		₹ 872	57.60.1331		330R	MF, 1%, 0204, E24
	R 624	57.60.1331		330R	MF, 1%, 0204, E24	0		R 873	57.60.1331		330R	MF, 1%, 0204, E24
	R 625	57.60.1331		330R	MF, 1%, 0204, E24	0		₹ 874	57.60.1471		470R	MF, 1%, 0204, E24
	R 626	57.60.1471		470R	MF, 1%, 0204, E24	0	F	R 875	57.60.1471		470R	MF, 1%, 0204, E24
	R 627	57.60.1471		470R	MF, 1%, 0204, E24	0	F	R 876	57.60.1331		330R	MF, 1%, 0204, E24
	R 628	57.60.1331		330R	MF, 1%, 0204, E24	0	F	R 877	57.60.1331		330R	MF, 1%, 0204, E24
	R 629	57.60.1331		330R	MF, 1%, 0204, E24	0		₹ 878	57.60.1471		470R	MF, 1%, 0204, E24
	R 630	57.60.1471		470R	MF, 1%, 0204, E24	0		R 879	57.60.1471		470R	MF, 1%, 0204, E24
	R 631	57.60.1471		470R	MF, 1%, 0204, E24	0		R 880	57.60.1331		330R	MF, 1%, 0204, E24
	R 632	57.60.1331		330R	MF, 1%, 0204, E24	0		R 881	57.60.1331		330R	MF, 1%, 0204, E24
	R 633	57.60.1331		330R 330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		R 882	57.60,1471		470R	MF, 1%, 0204, E24
	R 634			470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		R 883	57.60.1471		470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
		57.60.1471										
	R 635	57.60.1471		470R	MF, 1%, 0204, E24	0		R 884	57.60.1331		330R	MF, 1%, 0204, E24
	R 800	57.60.1331		330R	MF, 1%, 0204, E24	0		R 885	57.60.1331		330R	MF, 1%, 0204, E24
	R 801	57.60.1331		330R	MF, 1%, 0204, E24	0		R 886	57.60.1471		470R	MF, 1%, 0204, E24
	R 802	57.60.1471		470R	MF, 1%, 0204, E24	0		₹ 887	57.60.1471		470R	MF, 1%, 0204, E24
	R 803	57,60,1471		470R	MF, 1%, 0204, E24	0		₹ 888	57.60.1331		330R	MF, 1%, 0204, E24
	R 804	57.60.1331		330R	MF, 1%, 0204, E24	0		₹ 889	57.60.1331		330R	MF, 1%, 0204, E24
	R 805	57.60.1331		330R	MF, 1%, 0204, E24	0	F	₹ 890	57.60.1471		470R	MF, 1%, 0204, E24
	R 806	57.60.1471		470R	MF, 1%, 0204, E24	0	F	₹ 891	57.60.1471		470R	MF, 1%, 0204, E24
	R 807	57.60.1471		470R	MF, 1%, 0204, E24	0	F	₹ 892	57.60.1331		330R	MF, 1%, 0204, E24
	R 808	57.60.1331		330R	MF, 1%, 0204, E24	0	F	₹ 893	57.60.1331		330R	MF, 1%, 0204, E24
	R 809	57.60.1331		330R	MF, 1%, 0204, E24	0	F	₹ 894	57.60.1471		470R	MF, 1%, 0204, E24
	R 810	57.60.1471		470R	MF, 1%, 0204, E24	0	F	₹ 895	57.60.1471		470R	MF, 1%, 0204, E24
	R 811	57.60.1471		470R	MF, 1%, 0204, E24	0		R 896	57.60.1331		330R	MF, 1%, 0204, E24
	R 812	57.60.1331		330R	MF, 1%, 0204, E24	0		₹ 897	57.60.1331		330R	MF, 1%, 0204, E24
	R 813	57.60.1331		330R	MF, 1%, 0204, E24	0		R 898	57.60.1471		470R	MF, 1%, 0204, E24
	R 814	57.60.1471		470R	MF, 1%, 0204, E24	0		R 899	57.60.1471		470R	MF, 1%, 0204, E24
	R 815	57.60.1471		470R	MF, 1%, 0204, E24	0		R 900	57.60.1331		330R	MF, 1%, 0204, E24
	R 816	57.60.1331		330R	MF, 1%, 0204, E24	0		₹ 901	57.60.1331		330R	MF, 1%, 0204, E24
						-					470R	
	R 817	57.60.1331		330R	MF, 1%, 0204, E24	0		R 902	57.60.1471			MF, 1%, 0204, E24
	R 818	57.60.1471		470R	MF, 1%, 0204, E24	0		₹ 903	57.60.1471		470R	MF, 1%, 0204, E24
	R 819	57.60.1471		470R	MF, 1%, 0204, E24	0		₹ 904	57.60.1331		330R	MF, 1%, 0204, E24
	R 820	57.60.1331		330R	MF, 1%, 0204, E24	0		R 905	57.60.1331		330R	MF, 1%, 0204, E24
	R 821	57.60.1331		330R	MF, 1%, 0204, E24	0		R 906	57.60.1471		470R	MF, 1%, 0204, E24
	R 822	57.60.1471		470R	MF, 1%, 0204, E24	0		R 907	57.60.1471		470R	MF, 1%, 0204, E24
	R 823	57.60.1471		470R	MF, 1%, 0204, E24	0.		R 908	57.60.1331		330R	MF, 1%, 0204, E24
	R 824	57.60.1331		330R	MF, 1%, 0204, E24	0		R 909	57.60.1331		330R	MF, 1%, 0204, E24
	R 825	57.60.1331		330R	MF, 1%, 0204, E24	0		R 910	57.60.1471		470R	MF, 1%, 0204, E24
	R 826	57.60.1471		470R	MF, 1%, 0204, E24	0	-	R 911	57.60.1471		470R	MF, 1%, 0204, E24
	R 827	57.60.1471		470R	MF, 1%, 0204, E24	0	1	R 912	57.60.1331		330R	MF, 1%, 0204, E24
	R 828	57.60.1331		330R	MF, 1%, 0204, E24	0	-	R 913	57.60.1331		330R	MF, 1%, 0204, E24
	R 829	57.60.1331		330R	MF, 1%, 0204, E24	0	-	R 914	57.60.1471		470R	MF, 1%, 0204, E24
	R 830	57,60.1471		470R	MF, 1%, 0204, E24	0	1	R 915	57.60.1471		470R	MF, 1%, 0204, E24
	R 831	57.60.1471		470R	MF, 1%, 0204, E24	0		R 916	57.60.1331		330R	MF, 1%, 0204, E24
	R 832	57.60.1331		330R	MF, 1%, 0204, E24	0		R 917	57.60.1331		330R	MF, 1%, 0204, E24
	R 833	57.60.1331		330R	MF, 1%, 0204, E24	0		R 918	57.60.1471		470R	MF, 1%, 0204, E24
	R 834	57.60.1471		470R	MF, 1%, 0204, E24	0		R 919	57,60.1471		470R	MF, 1%, 0204, E24
	R 835	57.60.1471		470R	MF, 1%, 0204, E24	0		R 920	57.60.1331		330R	MF, 1%, 0204, E24
	R 836	57.60.1331		330R	MF, 1%, 0204, E24	0		R 921	57.60.1331		330R	MF, 1%, 0204, E24
	R 837	57.60.1331		330R	MF, 1%, 0204, E24	0		R 922	57.60.1471		470R	MF, 1%, 0204, E24
	R 838	57.60.1471		470R	MF, 1%, 0204, E24	0		R 923	57.60.1471		470R	MF, 1%, 0204, E24
	R 839	57.60.1471		470R	MF, 1%, 0204, E24	0		R 924	57.60.1331		330R	MF, 1%, 0204, E24
	R 840	57.60.1331		330R	MF, 1%, 0204, E24	0		R 925	57.60.1331		330R	MF, 1%, 0204, E24
	R 841	57.60.1331		330R	MF, 1%, 0204, E24	0		R 925 R 926	57.60.1471		470R	MF, 1%, 0204, E24
				470R	MF, 1%, 0204, E24	0		R 926 R 927	57.60.1471		470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 842	57.60.1471 67.60.1471				U		1 341	37.00.147	•	47 UIX	WII , 1 /0, UZU4, EZ4
	R 843	57.60.1471		470R	MF, 1%, 0204, E24	_		V 1	00.00.000	,	22 22661 1-	YTAL Oscillator
	R 844	57.60.1331		330R	MF, 1%, 0204, E24	0		X 1	89.60.2003	•	33.33MHz	XTAL Oscillator
	R 845	57.60.1331		330R	MF, 1%, 0204, E24							
	R 846	57,60,1471		470R	MF, 1%, 0204, E24		NETS OF			E	end of List	
	R 847	57.60.1471		470R	MF, 1%, 0204, E24	Co	m	ments				
	R 848	57.60.1331		330R	MF, 1%, 0204, E24				changed			
	R 849	57.60.1331		330R	MF, 1%, 0204, E24			1: Value has	cnanged value has changed			
	R 850	57,60.1471		470R	MF, 1%, 0204, E24	нис	^ 4	L. Type and	value nas changed			
	R 851	57.60.1471		470R	MF, 1%, 0204, E24							
	R 852	57.60.1331		330R	MF, 1%, 0204, E24							
	R 853	57.60.1331		330R	MF, 1%, 0204, E24							
		57.60.1471		470R	MF, 1%, 0204, E24							
	R 854											

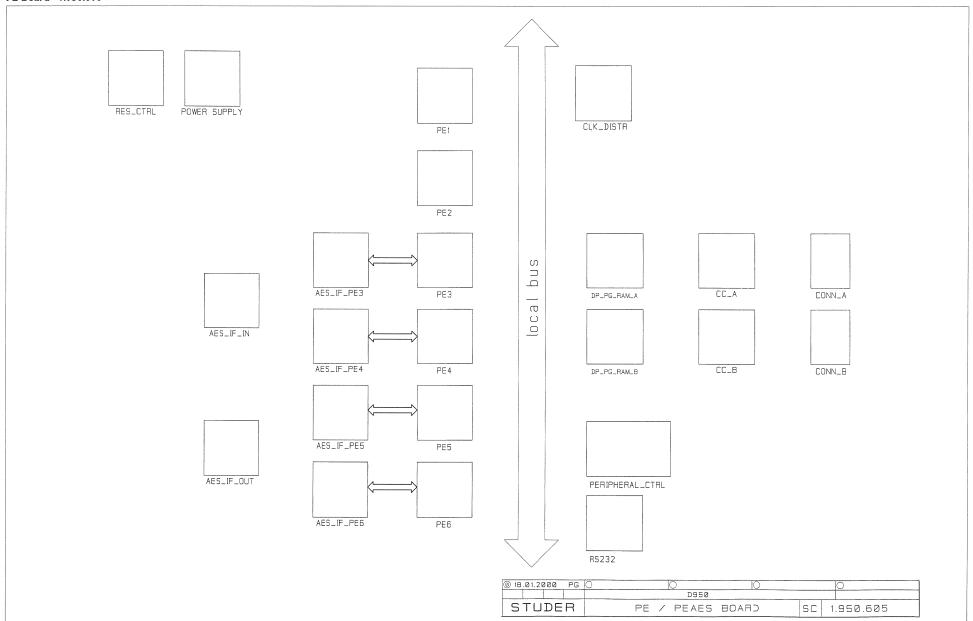


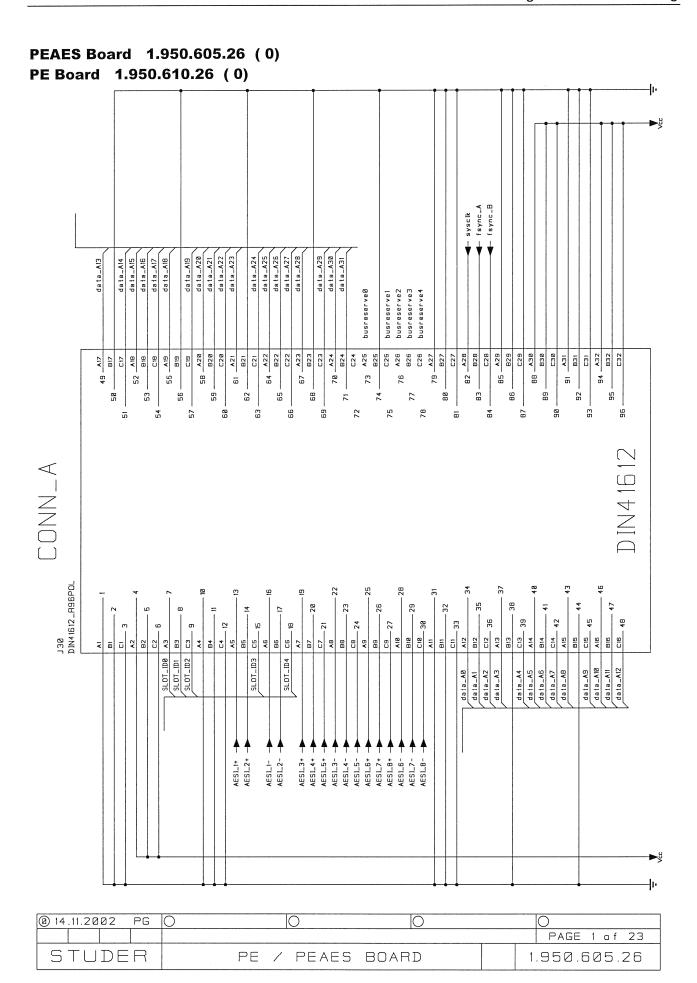
DIAGRAMS PE/PEAES BOARD

	Assembly No.	Diagram	Component Layout	Parts List
Block Diagram PEAES Board	1.950.605			
Block Diagram PE Board	1.950.610	_	-	-
PEAES Board	1.950.605.26	1.950.605.26	1.950.605.26	1.950.605.26
PE Board	1.950.610.26	1.950.605.26	1.950.610.26	1.950.610.26

Date printed: 18.03.03

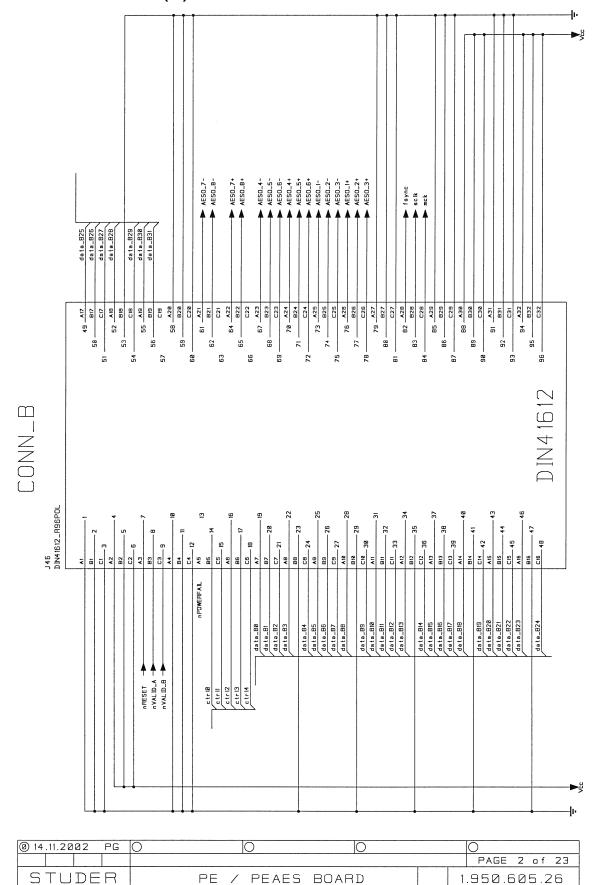
Block Diagram
PEAES Board 1.950.605
PE Board 1.950.610







PEAES Board 1.950.605.26 (0) PE Board 1.950.610.26 (0)



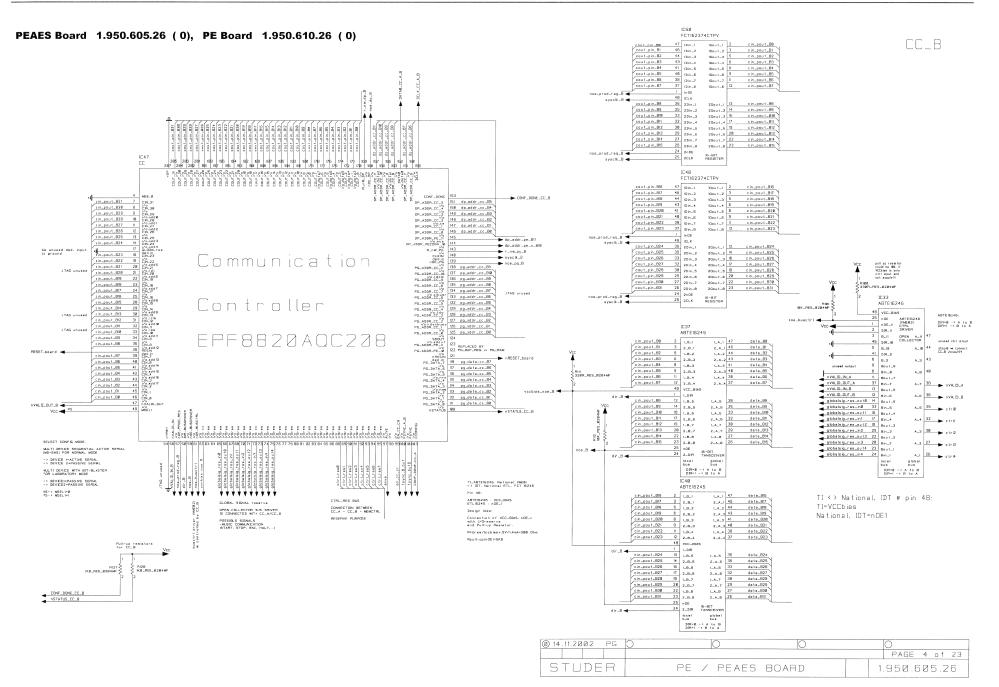
1.950.605.26

IC26 FCTI62374CTPV PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0) 46 (Din_2 44 (Din_3 43 (Din_4 cin_pout_A1 cin_pout_A2 cin_pout_A3 CC_A 10001_3 5 caut_pin_A3 IDout_4 6 cout_pin_A5 48 Din_5 cout_pin_A5 48 Din_5 cout_pin_A6 38 Din_7 cout_pin_A7 37 Din_8 cin_pout_A4 c in_paut_A5 IDout_7 II IDout_B 12 cin_pout_A 1 In QE cout_pin_A8 36 2Din_1 cout_pin_A8 35 2Din_2 cout_pin_A12 33 2Din_3 cin_paut_A9 20out_2 14 20ou t_3 16 20eut_4 17 20eut_5 19 20eut_6 28 cin_pout_Att c in_pout_A12 c in_pout_A13 20out_7 22 c.in_pout_AM 25 20 in ... 8 25 20 in ... 8 26 20 in ... 8 26 20 in ... 8 27 20 in ... 8 20ou1_8 23 cin_pout_At5 avacik...A -ECT1E2374CTPV cin_paut_A31 7 CN_31 cin_paut_A38 B CN_38 cout_pin_AI8 47 Din_1 cout_pin_AI7 48 Din_2 cout_pin_AI8 44 (Din_3) cin_psut_A29 9 10.29 cin_psut_A28 9 10.28 cin_psut_A28 11 (0.22) cin_psut_A27 11 (0.22) cin_psut_A28 12 (0.28) IGeut_5 B cin_pout_AtB cin_pout_AIB cin_pout_A28 cin_pout_A21 cin_pout_A22 cout_pin_A19 43 IDin_4 cout_pin_A28 41 IDin_5 cout_pin_A21 48 IDin_5 cin_ppul_AZ5 13 CN_25 cin_ppul_AZ5 13 CN_25 cin_ppul_AZ4 14 CN_24 17 closed 4 cin_pput_AZ3 18 CN_24 18 cin_pput_AZ3 18 CN_23 cout_pin_A22 38 ipin_7 IGout_7 b dp_addr_pe_A1 cout_pin_A23 37 1Din_B MA_x_e_e_dr_addr_ne_x_AIR 1 in DE 48 iCLK cout_pin_A24 36 2D in_1 cout_pin_A25 35 2D in_2 R_nw_PG noe_prod_reg_A -CLKIN ded.in sysck_A -Communication A_pg_son -PG_ADH_CC_H PG_ADH_CC_H PG_ADH_CC_H PG_ADH_CC_H 138 pg_add'_cc_AII 137 pg_add'_cc_AIB 136 pg_add'_cc_AB cout_pin_A26 33 2Din_3 cout_pin_A27 32 2Din_4 cout_pin_A28 38 2Din_5 | Compart And | PG_ADPI_CC_6 PG_ADPI_CC_7 PG_AD 20put_7 22 cin_pout_A38 Controller noe_prod_reg_A 🐗 EPF8820AQC208 IC14 ABTE/6245 TI <> National, IDT @ pin 48: data_A1 data_A2 TI=VCCbias National, IDT=nOE1 2_4_2 43 data_A3 cin_pout_A6 B LB_3 cin_pout_A5 9 2_B_3 cin_pout_A6 II LB_4 cin_pout_A7 12 2_B_4 LA_3 41 data_A4 2_A_9 48 1_A_4 38 data_A5 date_A5 PS_DATA_8 III pg_data_cc_A8 iii pg_data_cc_A8 iii pg_data_cc_A8 data_A7 pg_data_cc_AB 48 VCC_BIAS n VALID_GUT_A 1 1_DIR 13 1_B_5 14 2_B_5 A DI SUTATES VCC PS 1 1_A_5 35 2_A_5 35 data_AB data_AB data_AIB I_A_6 33 2 A B 32 deta_All data_AI2 data_AI3 data_AI4 S BES 2_A_8 data_AI5 25 n DE 16-BIT TANSCEIVE SELECT CONFIS MODE: MULTI DEVICE SEQUENTIAL ACTIVE SERIAL IND-SASI FOR NORMAL MODE local bus global bus -> DEVICE !-ACTIVE SERIAL -> DEVICE 2-PASSIVE SERIAL DIR+8 -> A to B DIR+1 -> B to A TL.ABTE15245, National VMEBI MULTI DEVICE WITH BIT-BLASTER FOR LABORATORY MODE CTRL_MES BUS ABTEI6245 busciri driver (VMES2) is controlled by CC_B GLOBAL SIGNAL reservé -> DEVICE:-PASSIVE SERGAL -> DEVICE2-PASSIVE SERIAL CONNECTION BETWEEN CC_A - CC_B - MEMCTRI ABTE15245 : VCC_BIAS ETL15245 : nOE_! OPEN COLLECTOR BUS DRIVER IS CONNECTED WITH CC.A/CC.B 2 I_B_I c in_pout_A17 3 2_B_1 2_A_1 46 1_A_2 44 2_A_2 43 AS-> MSELI-8 PS-> MSELI-1 RESERVE PURPOSE Design Idea: data_AI7 cin_pout_A17 3 Z.B.I cin_pout_A18 5 1.B.2 cin_pout_A18 6 2.B.3 cin_pout_A28 8 Le.3 cin_pout_A28 12.B.3 cin_pout_A21 3 2.B.3 cin_pout_A22 11 1.B.4 cin_pout_A23 12 Z.B.3 POSSIBLE SIGNALS: -MUSIC COMMUNICATION ISTART, STOP, END. HALT.... data_AIB data_AIB 1_A_9 41 data_A28 R-Ures/Acchies-5V/14mA-358 Ohm 2 4 3 48 data_A21 Rpull-upinOE)=5K5 data_A22 prototyping-> PASSIVE SERIAL bitblester system-> ACTIVE SERIAL multi device configuration BITBLASTER_CONN data_A25 data_A26 data_A27 2_A_6 32 2_A_7 2_A_7 1_A_8 2_A_8 data_A28 data_A29 data_A38 data_A31 DATA8_CC_A_B 9 DATAB GND 18 78885 F0222 72225 25 nOE 15-BIT 24 2_DIR TANSCEIV BitBlaster global DR-6 -> A to B @ 14.11.2002 PG PAGE 3 of 23

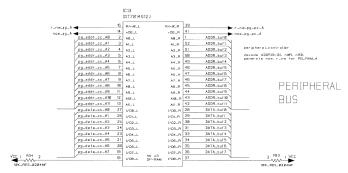
STUDER

PE / PEAES BOARD





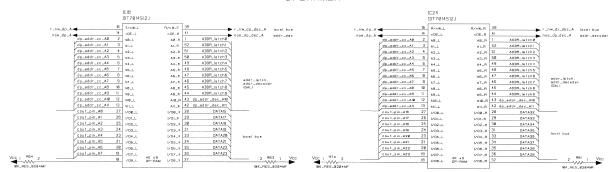
PG_RAM_A

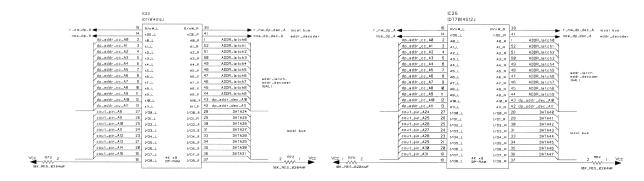


DP_RAM_A/B:
nMS0 -> DP_A/B read
nMS1 -> DP_A/B write

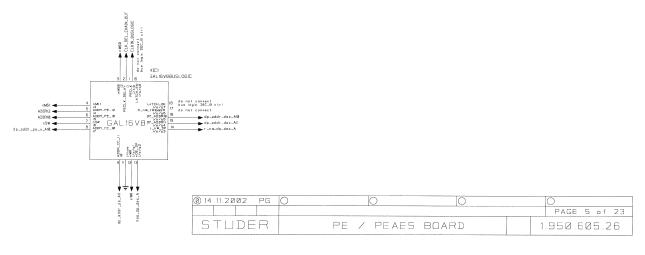
- ->PG_bitmap_A offset: 0x30400fff
- ->ccmode_A: 0×30400 ffe
- ->PG_bitmap_B offset: 0x30401fff
- \rightarrow ccmode_B: 0×30401 ffe

DP_RAM_A

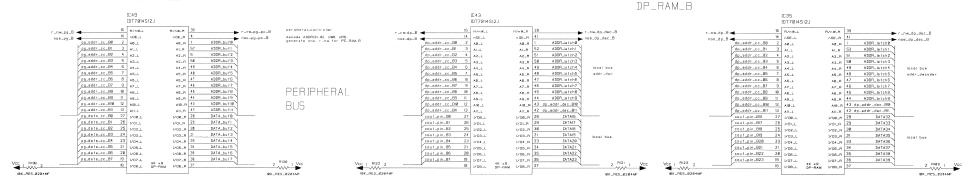




ADDR_DECODER_A

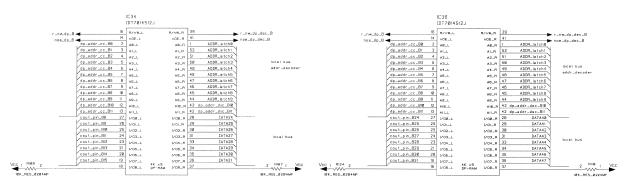


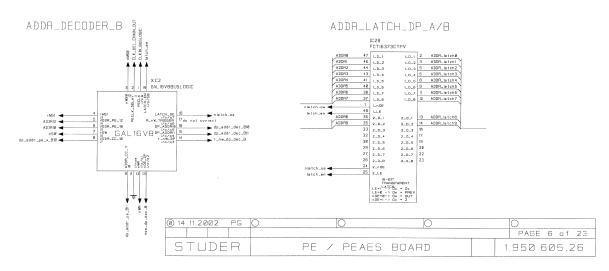


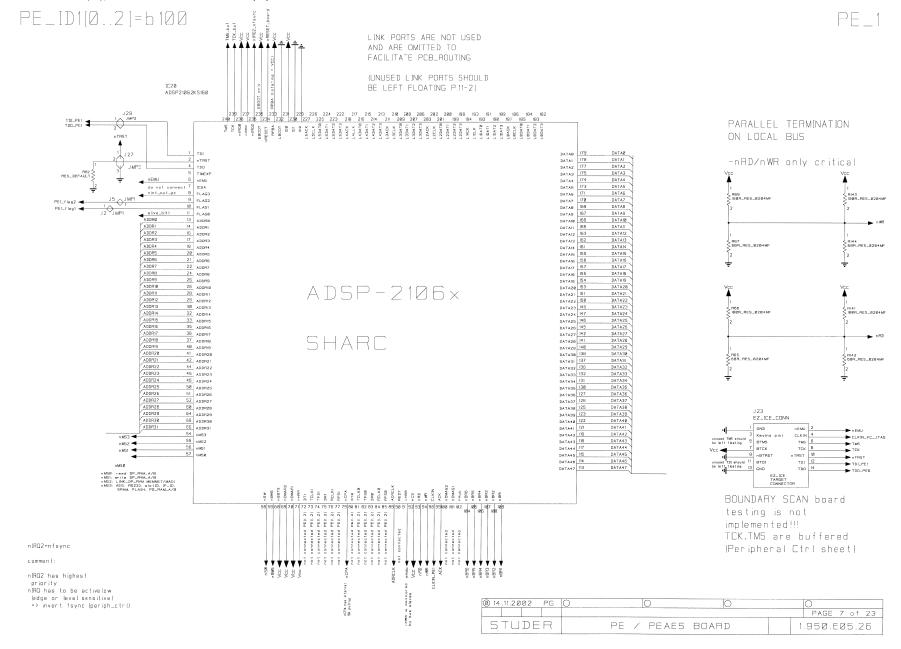


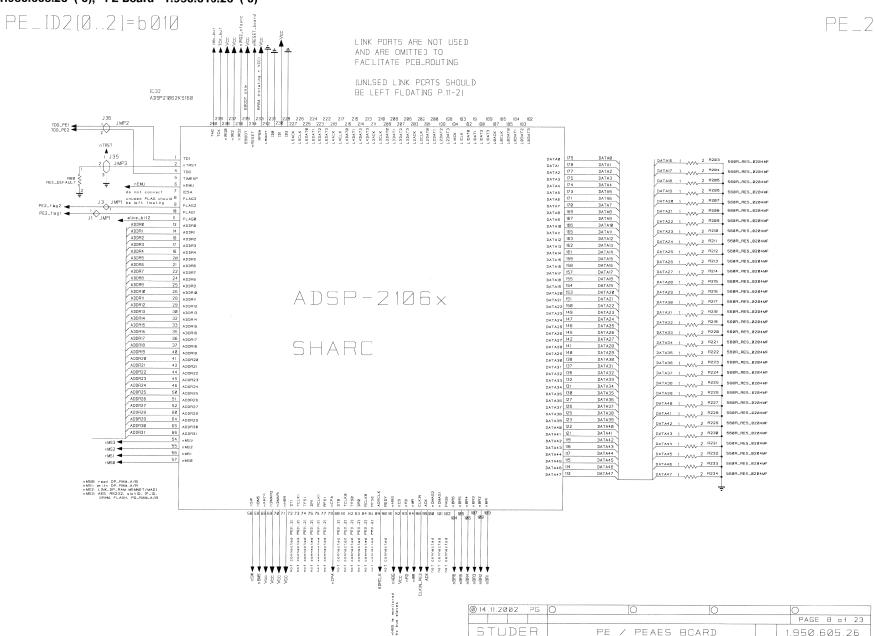
DP_RAM_A/B:
nMS0 -> DP_A/B read
nMS1 -> DP_A/B write

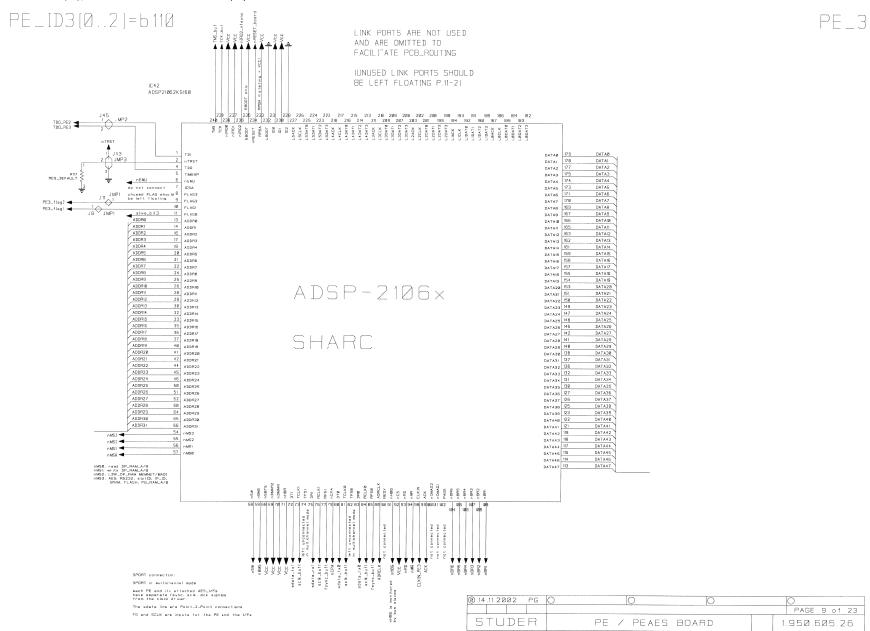
- \rightarrow PG_bitmap_A offset: 0×30400 fff
- ->ccmode_A: 2x30400ffe
- ->PG_bitmap_B offset: 0x30401fff
- \rightarrow ccmode_B: $0 \times 30401ffe$

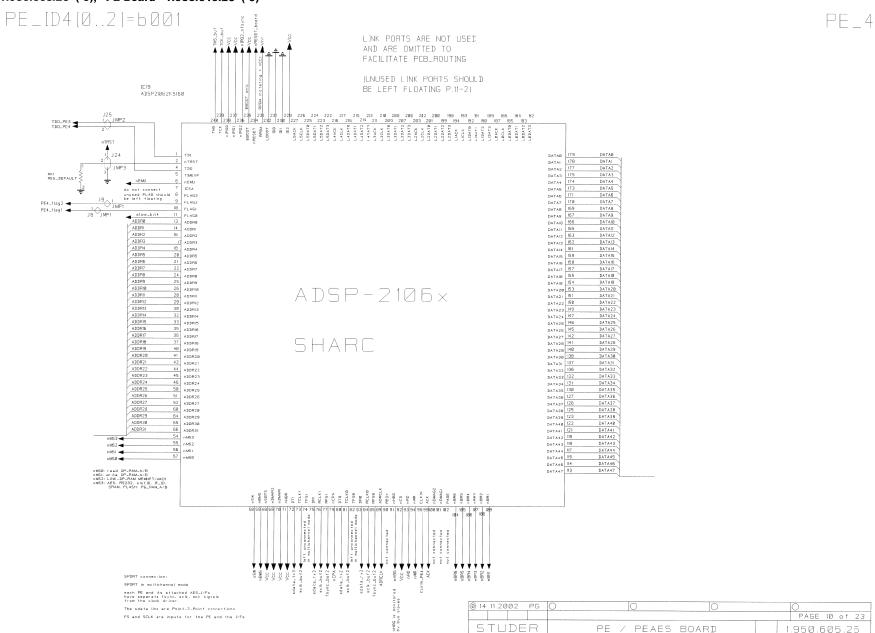


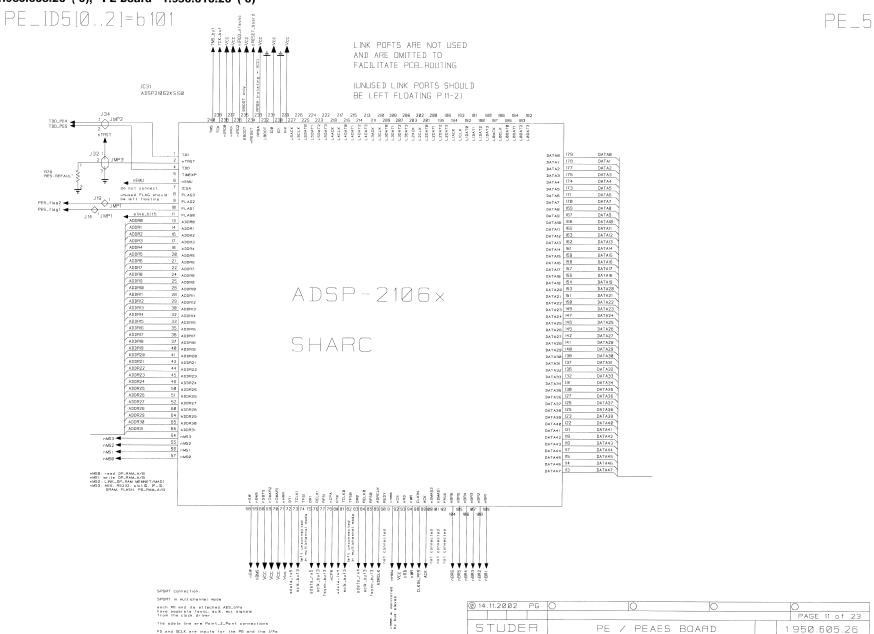


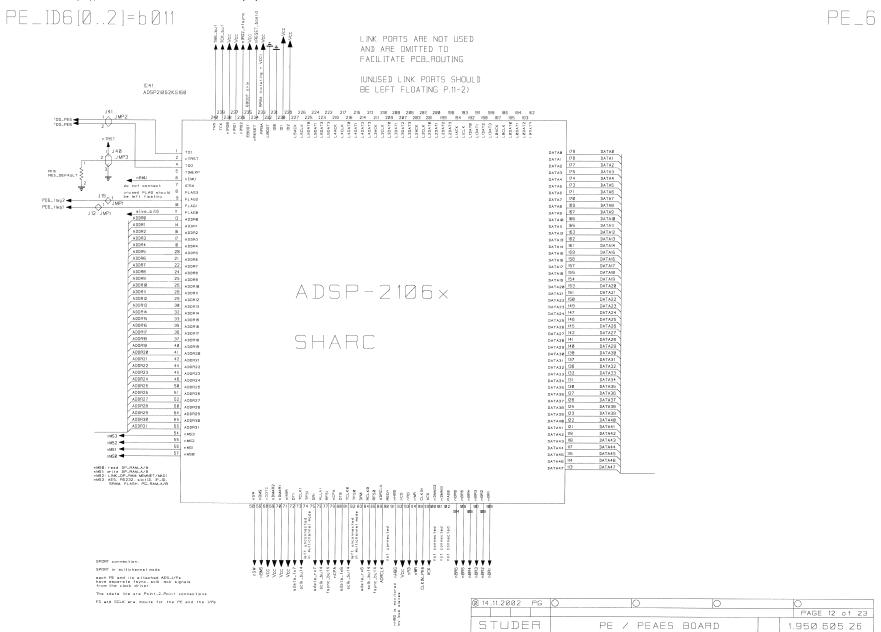


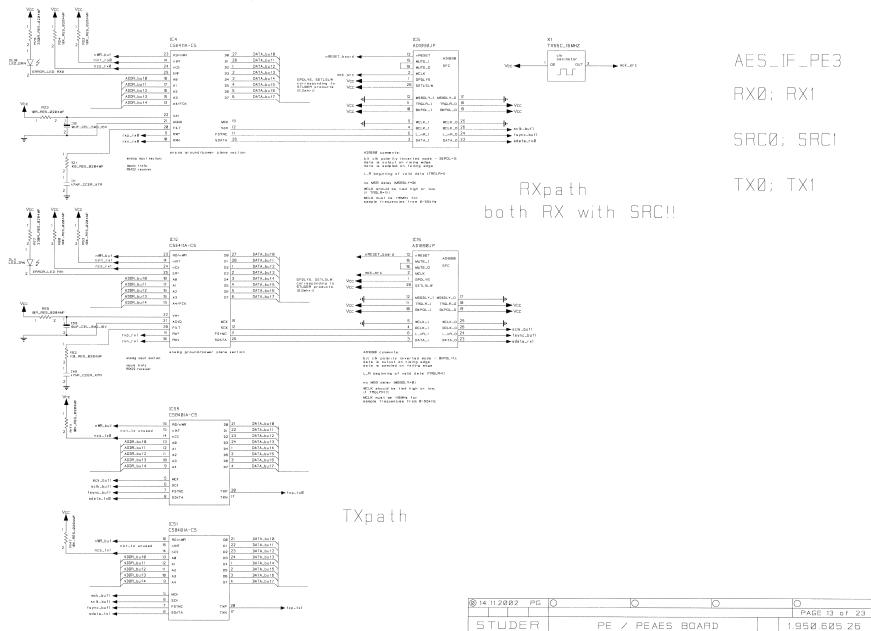


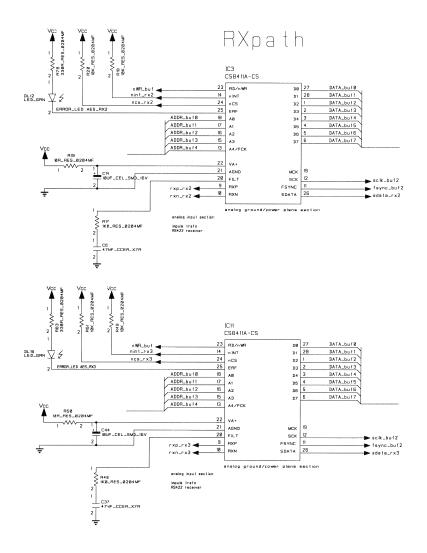








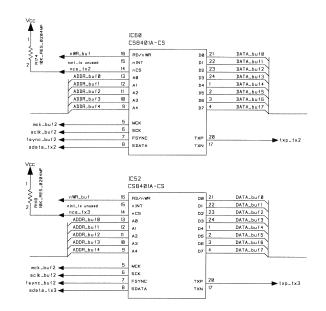




AES_IF_PE4

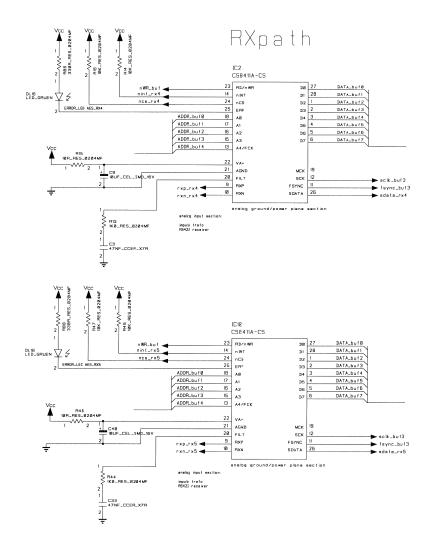
RX2; RX3

TX2; TX3



TXpath

@ 14.11.2002 PG	0	0	0	0
				PAGE 14 of 23
STUDER	PE	/ PEAES	BOARD	1.950.605.26

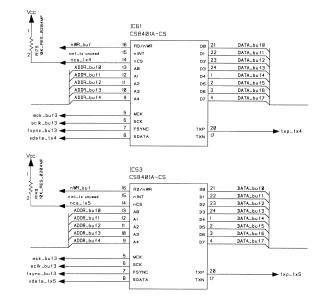


AES_IF_PE5

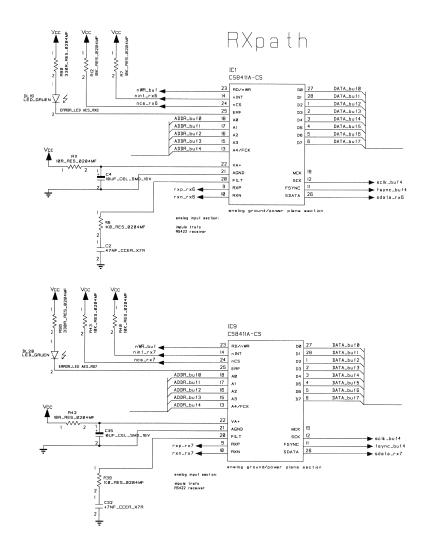
RX4; RX5

TX4; TX5





@ 14.1.2002 PG	0	0	0		0
					PAGE 5 of 23
S ⁻ UDER	PE /	PEAES	BOARD	1	.950.605.26

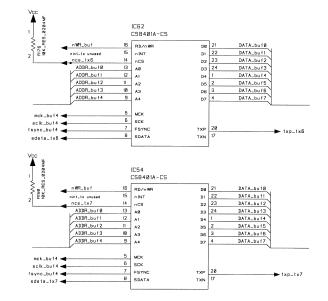


AES_IF_PE6

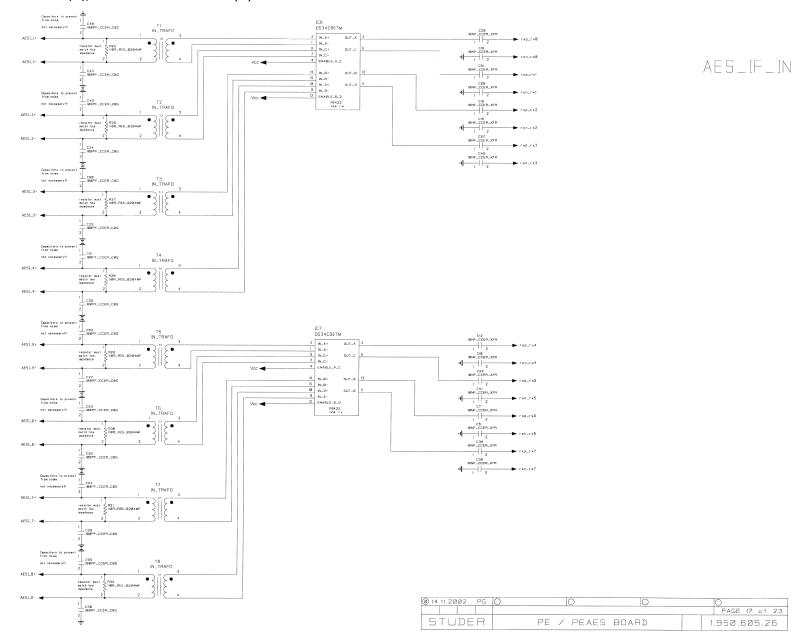
RX6; RX7

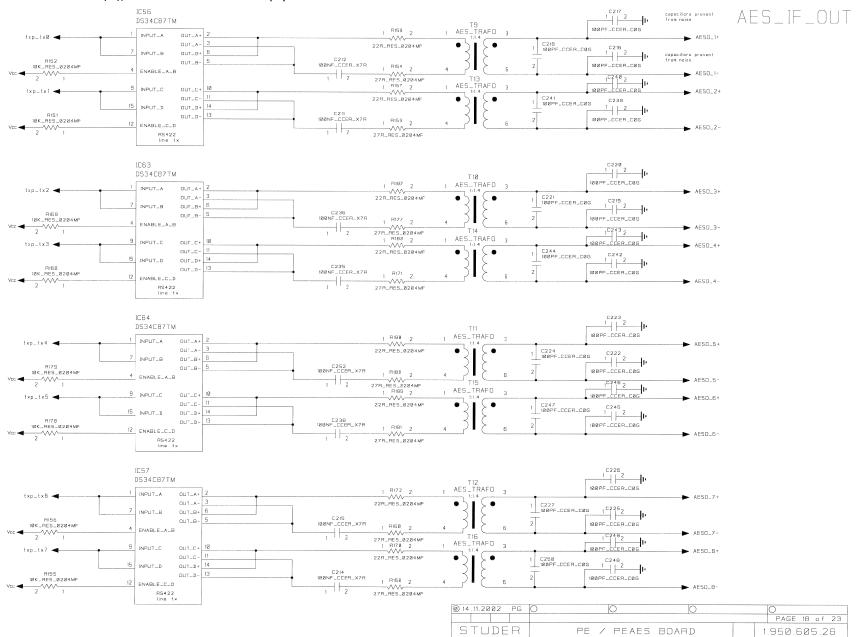
TX6; TX7

TXpath

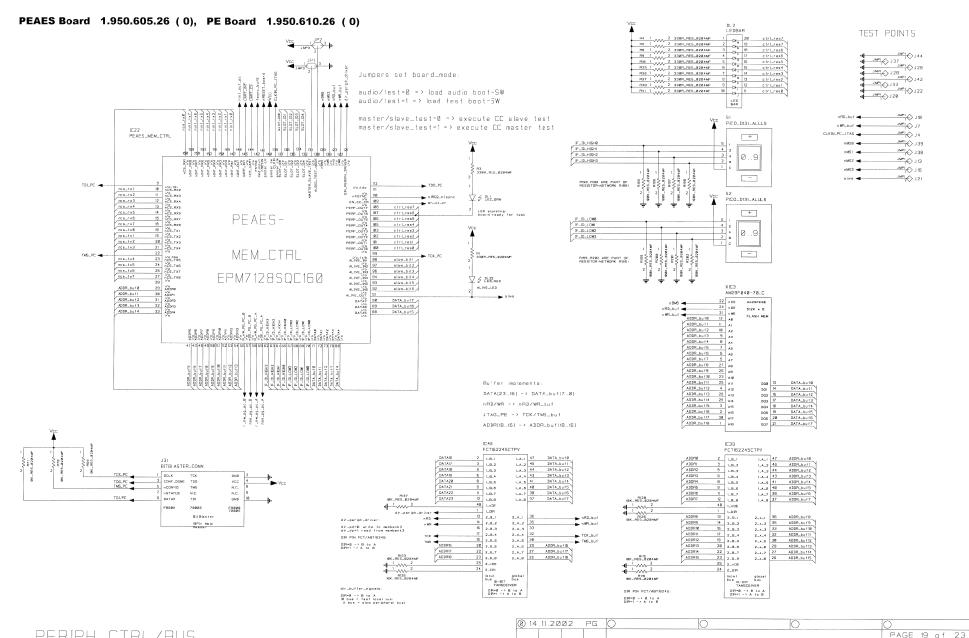


@ 14.11.2002 PG	0 0	0	0
			PAGE 16 of 23
STUDER	PE / PEAES	BOARD	1.950.605.26





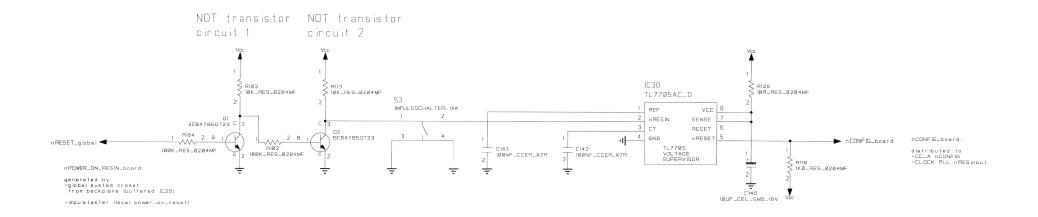
1.950.605.26

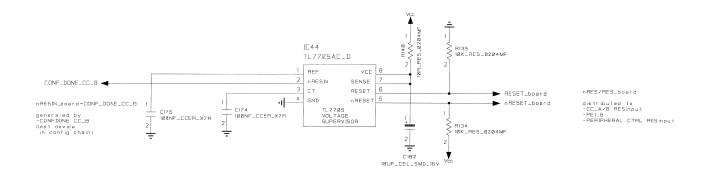


STUDER

PE / PEAES BOARD

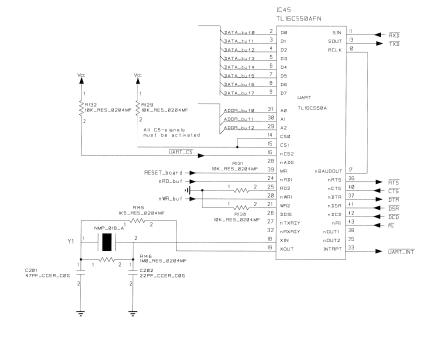
RESET CONTROLLER

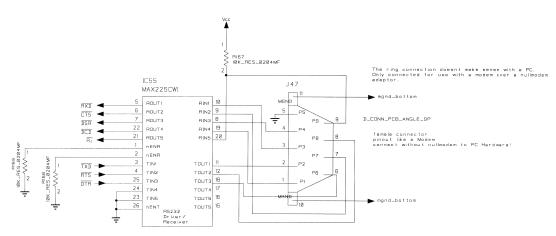




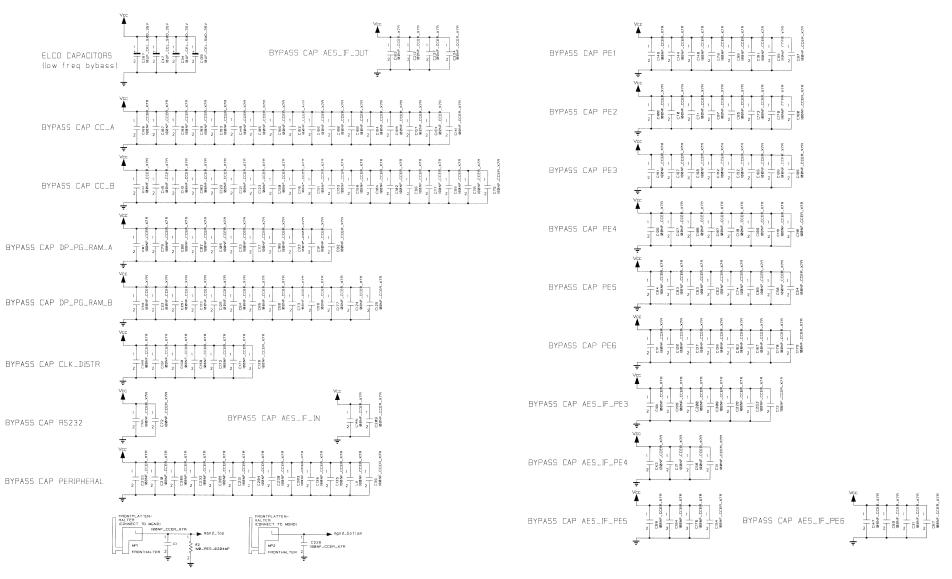
@ 14.11.2002 PE		0	0		0
					PAGE 20 of 23
STUDER	P	E / PEAES	BOARD	1	1.950.605.26

RS232





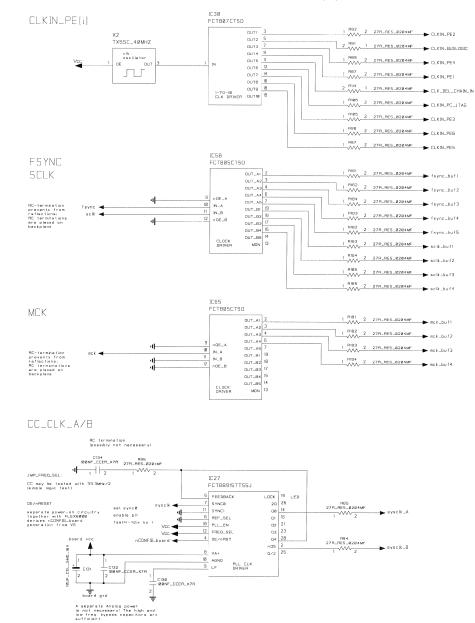
@ 14.11.2002 PG O	0	0	0
			PAGE 21 of 23
STUDER	PE / PEAES		1.950.605.26



@ 14.11.2002 PG	0 0	0	0
			PAGE 22 of 23
STUDER	PE / PEAES	BOARD	1.950.605.26

STUDER

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

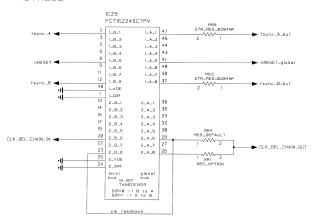


CLOCK_DISTR

source termination for all clock lines

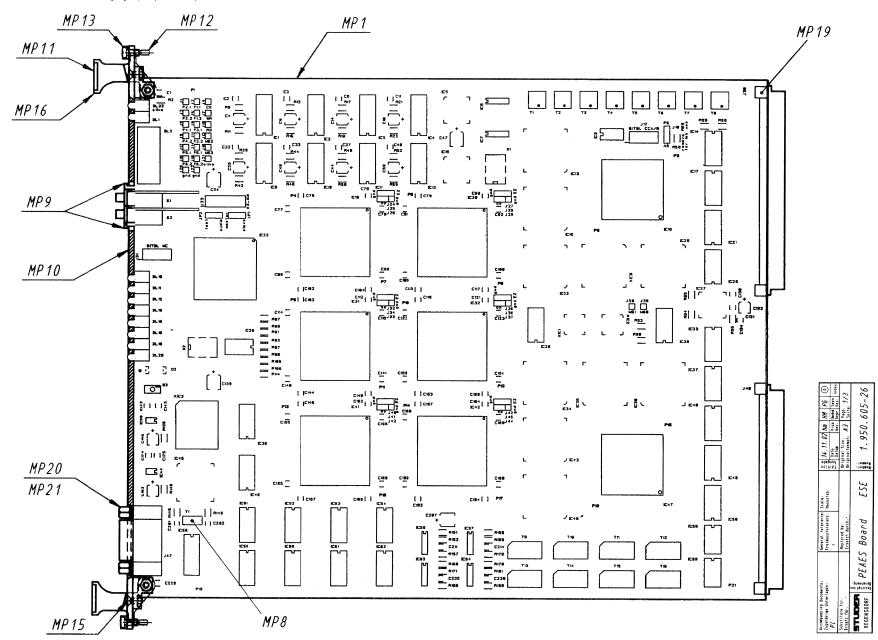
(line impedance <> 50 Ohm)

FSYNC_A FSYNC_B



@ 14	.11.20	02	PG	0			0		0	0
										PAGE 23 of 23
5	TU	DE	R		PE	/	PEAES	BOAR	D	.950.605.26

PEAES Board 1.950.605.26 (0) (Component Side)

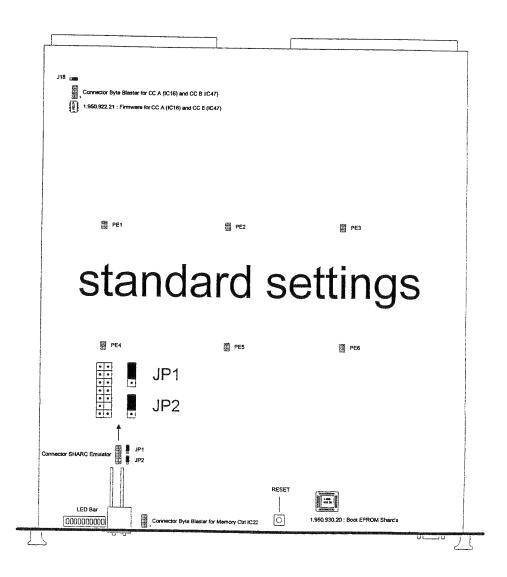


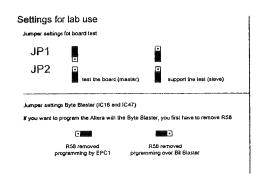
PEAES Board 1.950.605.26 (0) (Solder Side)

	C38 C29 C28 C27 C28 C25 C24 C23 R32 R31 R38 R28 R25 R27 R28 R25 C55 C54 C53 C52 C51 C58 C49 C48 C65 C64 C72 R57 C68 C67 C71 C68 C78 C74 [] R84 C75 R62 C74 [] R84 C75 R84 C74 [] R85 C78 C78 R84	C21	R7
	C98 C96	1 11 11 11	Ces ces
<u></u>	C129 R84 X0R1 R88 C124	R79	[
	C167 C162 C165 C1	A116	RIIS CH7
	22 22 22 22 22 22 22 22 22 22 22 22 22	R259 R217 R228 R217 R218 R218 R217 R218 R217 R218 R217 R218 R218 R217 R218 R219 R219 R219 R219 R219 R219 R219 R219	M234 C176
		ABS — C236 — RISO — RIS	C291 C298

Zugehörige Unterlagen:	Freimasstoleranz: Massstab:		E & 14. 11. 02 hm HM PG	þш	<i>HW</i>	و	9
þl	*		Aus Date	Yisa Gez.	Yisa Checked Seen Gez. Gepr. Ges.	een In	dex
	Replaced by:		Original Size:	:	Page:	;	Γ
	Ersetzt durch:		Original format:	£	Seite: 2/3	113	
STUDER			,	۱ :	;	•	١,
genen	PEAES BOALD	t > t	Mumbin Mumbin	ő.	950.605-26	-7	~

PEAES Board 1.950.605.26 (0) (Jumper Setting)





Jumper settings using the SHARC Emulator

If you want to access a PE with the Emulator, you first have to remove the corresponding resistors (R62 to access PE1) (R80 PE2) (R117 PE4) (R61 PE4) (R79 PE5) (R116 PE6)

		access by th	ne Emulator
		yes	no
resistor	yes		• •
in place	no	•	• •

Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±		÷ S Da		Visa	HM Checked Gepr.	Seen	① Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:•		Origina Origina		A3	Page: Seite	3/	3
REGENSOORF REGENSOORF	EAES Board	ESE	Number: Number:	1.95	0.	60:	5-2	26



PEAES Board 1.950.605.26 (0)

Page: 1 of 4

	o boaru		30.803.20 (0)				Page: 1 of 4
Idx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description
				0 C88	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 89	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C2	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 90	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C3 0 C4	59.60.3333 59.68.0065	47n 10u	CER 50V, 10%, X7R, 0805 EL 16V, 4.0*5.7	0 C 91	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 05	50.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 92	59,60.3337	100n	CER 50V, 10%, X7R, 0805
0 C6	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 93	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C7	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 94	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 95	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 9	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 96	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 10	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 97	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C11	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 98	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 12	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 99	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
0 C13	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 100 0 C 101	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C14	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 102	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 15	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 103	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 16	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 104	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 105	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C18	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 106	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 19	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 107	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 20	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 108	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 21	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 109	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 22 0 C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0603	0 C 110	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 23 0 C 24	59.60.2249 59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 111	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 112	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 25 0 C 26	59.60.2249	100p 100p	CER 50V, 5%, C0G, 0603	0 C 113	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 26 0 C 27	59.60.2249	100p 100p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 C 114	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 27	59.60.2249	100p 100p	CER 50V, 5%, C0G, 0603	0 C 115	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 29	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 116	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 30	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 117	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 118	59.60,3337	100n	CER 50V, 10%, X7R, 0805
0 C 32	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 119	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 33	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 120	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 34	59.68.0109	10u	EL 35V, 5.0*5.7	0 C 121	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 35	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 122	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 36	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 123	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 37	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 124	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C38	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 125	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 39	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 126	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 40	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 127	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 41	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 128	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
0 C 42	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 129 0 C 130	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 130	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 44	59.68.0065	10u	EL 16V, 4.0*5.7	0 G 132	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 45	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 133	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 46	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 134	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 47	59.68.0109	10u	EL 35V, 5.0*5.7	0 C 135	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 48	59.60.2249 59.60.2249	100p 100p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 C 136	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 49 0 C 50	59.60.2249	100p 100p	CER 50V, 5%, C0G, 0603	0 C 137	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 51	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 138	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 52	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 139	59.68.0109	10u	EL 35V, 5.0*5.7
0 C 53	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 140	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 54	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 141	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 55	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 142	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 56	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 143 0 C 144	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 57	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 144 0 C 145	59.60.3337 59.68.0065	100n 10u	EL 16V, 4.0*5.7
0 C 58	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 146	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 59	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 147	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 60	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 148	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 61 0 C 62	59.60.3325 59.60.3337	10n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 149	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 62	59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805	0 C 150	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 64	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 151	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 65	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 152	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 66	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 153	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 67	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 154	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 68	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 155	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 69	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 156	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 70	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 157	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C71	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 158 0 C 159	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 72	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 159 0 C 160	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X7R, 0805
0 C 73	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 161	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 74	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 162	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 75	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 163	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 76	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 164	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C77 0 C78	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 165	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C78 0 C79	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805	0 C 166	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 80	59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805	0 C 167	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 80	59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805	0 C 168	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 82	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 169	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 83	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 170	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 171	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 84				0 C 172	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 85	59.60.3337	100n	CER 50V, 10%, X7R, 0805			400	
	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 173 0 C 174	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805



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			CICCULE (C)					raye. z
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ld	x. Pos.	Part No. Qty.	Type/Val.	Description
0 C 175	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(DL 19	50.04.2751	grn	LED mit Halter
0 C 176	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C	DL 20	50.04.2751	grn	LED mit Halter
0 C 177	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C	DL 22	50.04.2750	red	LED mit Halter
0 C 178	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C) IC 1	50.62.0912	CS8411A	Dig audio interface receiver
C 179	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C) IC 2	50.62.0912	CS8411A	Dig audio interface receiver
C 180	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C		50.62.0912	CS8411A	Dig audio interface receiver
C 181	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C		50.62.0912	CS8411A	Dig audio interface receiver
C 182	59.68.0065	10u	EL 16V, 4.0*5.7	ď		50.62.0914	AD1890	Sample Rate Converter
C 183	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0463	DS34C86	4*RS 422 Line Receiver
C 184	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0463	DS34C86	4*RS 422 Line Receiver
C 185	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		1.950.922.22	D004000	SW 605/615 CC (50.63.4298
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0912	CS8411A	Dig audio interface receiver
C 186				0				-
C 187	59.60.3337	100n	CER 50V, 10%, X7R, 0805			50.62.0912	CS8411A	Dig audio interface receiver
C 188	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0912	CS8411A	Dig audio interface receiver
C 189	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0912	CS8411A	Dig audio interface receiver
C 190	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 191	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6745	74ABTE16245	16bit Bus-Driver
C 192	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0914	AD1890	Sample Rate Converter
C 193	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.63.4207	EPF8820R	EPLD 8000 QFP208
C 194	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 17	50.62.6745	74ABTE16245	16bit Bus-Driver
C 195	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 18	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 196	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 19	50.63.0408	ADSP21062	32bit DSP
C 197	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 20	50.63.0408	ADSP21062	32bit DSP
C 198	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6974	74FCT162374	16bit Bus Latches
C 199	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		1.950.923.21		SW 605 MEMCTRL (50.63.42
C 200	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.63.1506	IDT7014	Dualport SRAM, 4K*9
	59.60.2241		CER 50V, 10%, X/R, 0803 CER 50V, 5%, C0G, 0603	0		50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 201		47p		0				
C 202	59.60.2233	22p	CER 50V, 5%, COG, 0603			50.63.1506	IDT7014	Dualport SRAM, 4K*9 16bit Bus Latches
C 203	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6974	74FCT162374	
C 204	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6915	74FCT88915	Clock-Driver
C 205	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 206	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 207	59.68.0109	10u	EL 35V, 5.0*5.7	0) IC 30	50.62.6907	74FCT807	Share Clock-Driver
C 208	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0) IC 31	50.63.0408	ADSP21062	32bit DSP
C 209	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 32	50.63.0408	ADSP21062	32bit DSP
C 210	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 33	50.62.6746	74ABTE16246	16bit Bus-Driver o.c.
C 211	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 34	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 212	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 213	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 36	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 214	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.6745	74ABTE16245	16bit Bus-Driver
C 215	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.63.2001	7705B	Reset Generator
			CER 50V, 5%, C0G, 0603	0				
	59.60.2249	100p				50.62.6946	74FCT162245	16bit Bus-Driver, tri
	59.60.2249	100p	CER 50V, 5%, COG, 0603	0		50.62.6745	74ABTE16245	16bit Bus-Driver
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		50.63.0408	ADSP21062	32bit DSP
	59.60.2249	100р	CER 50V, 5%, C0G, 0603	0		50.63.0408	ADSP21062	32bit DSP
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 221	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		50.63.2001	7705B	Reset Generator
C 222	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 45	50.63.0203	TL16C550	UART
C 223	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 46	50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 224	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 47	50.63.4207	EPF8820R	EPLD 8000 QFP208
C 225	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 48	50.62.6974	74FCT162374	16bit Bus Latches
C 226	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 49	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 227	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 50	50.62.6974	74FCT162374	16bit Bus Latches
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 51	50.62.0911	CS8401A	Dig audio interface transmitt
C 229	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 52	50.62.0911	CS8401A	Dig audio interface transmitt
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0911	CS8401A	Dig audio interface transmitt
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0911	CS8401A	Dig audio interface transmitt
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0462	MAX 225	5*RS 232 Driver/Receiver
C 232	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0464	DS34C87	4*RS 422 Line Driver
	59.60.3337			0		50.62.0464		
C 234 C 235	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		50.62.6905	DS34C87 49FCT805	4*RS 422 Line Driver Dual Clock-Driver
	59.60.3337		CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805			50.62.0911	CS8401A	Dig audio interface transmitt
	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		50.62.0911	CS8401A CS8401A	
								Dig audio interface transmitt
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0		50.62.0911	CS8401A	Dig audio interface transmitt
	59.60.2249	100p	CER 50V, 5%, COG, 0603	0		50.62.0911	CS8401A	Dig audio interface transmitt
	59.60.2249	100p	CER 50V, 5%, COG, 0603	0		50.62.0464	DS34C87	4*RS 422 Line Driver
	59.60.2249	100p	CER 50V, 5%, COG, 0603	0		50.62.0464	DS34C87	4*RS 422 Line Driver
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		50.62.6905	49FCT805	Dual Clock-Driver
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		not used	1p	Pin, 1reihig, gerade
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		not used	1р	Pin, 1reihig, gerade
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		not used	1p	Pin, 1reihig, gerade
	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0		not used	1p	Pin, 1reihig, gerade
	59.60.2249	100p	CER 50V, 5%, C0G, 0603) J5	not used	1p	Pin, 1reihig, gerade
	59.60.2249	100p	CER 50V, 5%, C0G, 0603) J6	not used	1р	Pin, 1reihig, gerade
C 249	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0) J7	not used	1p	Pin, 1reihig, gerade
C 250	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0) J8	not used	1p	Pin, 1reihig, gerade
C 251	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0) J9	not used	1p	Pin, 1reihig, gerade
	59.60.3337	100n	CER 50V, 10%, X7R, 0805		J 10	not used	1p	Pin, 1reihig, gerade
	59.60.3337	100n	CER 50V, 10%, X7R, 0805		J 11	not used	1p	Pin, 1reihig, gerade
	50.04.2751	grn	LED mit Halter		J 12	not used	1p	Pin, 1reihig, gerade
	50.04.2811	10*grn	LED-Bargraph 10*green	0		not used	1p	Pin, 1reinig, gerade
	50.04.2751		LED mit Halter) J14			
		grn				not used	1p	Pin, 1reihig, gerade
	50.04.2751	grn	LED mit Halter		J 15	not used	1p	Pin, 1reihig, gerade
	50.04.2751 50.04.2751	grn	LED mit Halter		J 16	not used	1p	Pin, 1reihig, gerade
		grn	LED mit Halter	0) J 17	not used 10 pcs	1p	Pin, 1reihig, gerade
DL 15				-	140		4	Dia Annilian in
0 DL 15	50.04.2751	grn	LED mit Halter	۸) J18	not used 3 pcs	1p	Pin, 1reihig, gerade



PEAES Board 1.950.605.26 (0)

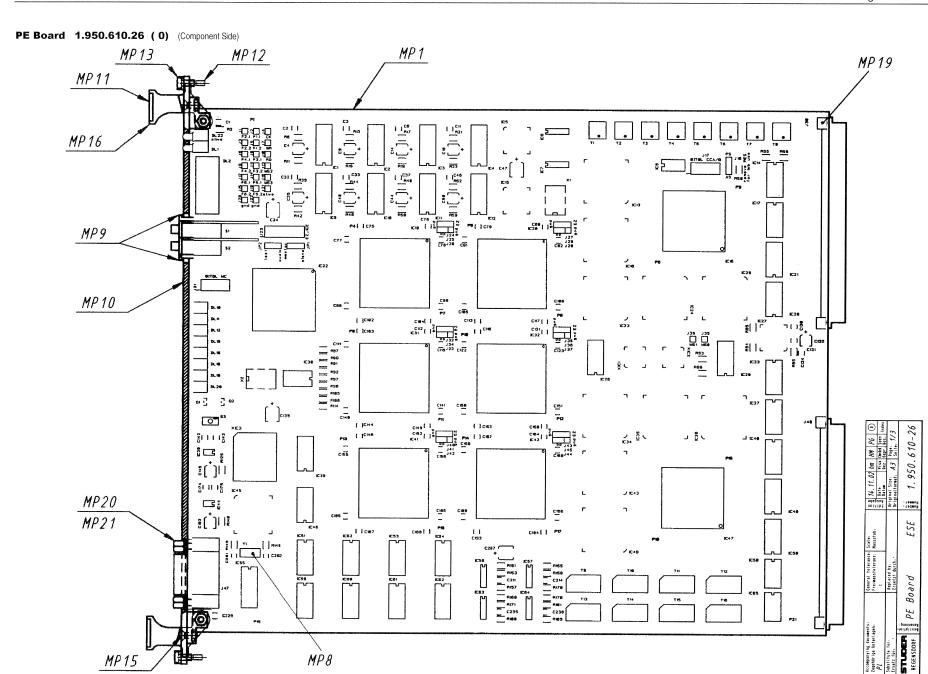
Page: 3 of 4

a Ren		board	11000	1000120 (0)					raye. 3 01 4
ldx. Po	os.	Part No. Qty.	Type/Val.	Description	Ido	c. Pos.	Part No. Qty	. Type/Val.	Description
0 J	20	not used	1p	Pin, 1reihig, gerade	0	R 39	57.60.1102	1k0	MF, 1%, 0204, E24
0 J:	21	not used	1p	Pin, 1reihig, gerade		R 40	57.60.1103	10k	MF, 1%, 0204, E24
0 J:	22	not used	1p	Pin, 1reihig, gerade		R 41	57.60.1331	330R	MF, 1%, 0204, E24
	23	54.01.0020 14 pcs	1p	Pin, 1reihig, gerade	0		57.60.1100	10R	MF, 1%, 0204, E24
	24	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0		57.60.1103	10k	MF, 1%, 0204, E24
0 J:		54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1102	1k0	MF, 1%, 0204, E24
	26	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0	R 45 R 46	57.60.1103	10k 10R	MF, 1%, 0204, E24
0 J:	28	54.11.0136 1 pce 54.01.0020 0 pce	2*3p 1p	Pin 0.63*0.63, RM2.54 Pin, 1reihig, gerade	0		57.60.1100 57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	29	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1102	1k0	MF, 1%, 0204, E24
0 J:		54.11.2009 1 pce	96p	EU-R 3*32p	0		57.60.1103	10k	MF, 1%, 0204, E24
0 J:		54.01.0020 10 pcs	1p	Pin, 1reihig, gerade	0		57.60.1100	10R	MF, 1%, 0204, E24
0 J:	32	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0	R 51	57.60.1103	10k	MF, 1%, 0204, E24
0 J:	33	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0	R 52	57.60.1102	1k0	MF, 1%, 0204, E24
0 J:	34	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0	R 53	57.60.1103	10k	MF, 1%, 0204, E24
0 J:		54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0		57.60.1102	1k0	MF, 1%, 0204, E24
	36	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1103	10k	MF, 1%, 0204, E24
0 J:		54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1331	330R	MF, 1%, 0204, E24
0 J:		not used	1p	Pin, 1reihig, gerade	0		57.60.1102	1k0	MF, 1%, 0204, E24
0 J		not used 54.11.0136 1 pce	1p 2*3p	Pin, 1reihig, gerade Pin 0.63*0.63, RM2.54	0		57.60.1109 57.60.1100	1R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 J		54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 J		54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1109	1R	MF, 1%, 0204, E24
0 1		54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0		57.60.1109	1R	MF, 1%, 0204, E24
0 J		54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1103	10k	MF, 1%, 0204, E24
0 J	45	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1103	10k	MF, 1%, 0204, E24
0 J	46	54.11.2009 1 pce	96p	EU-R 3*32p	0	R 65	57.60.1680	68R	MF, 1%, 0204, E24
0 J	47	54.13.0071 1 pce	9p	D-Sub, PCB, Winkel	0	R 66	57.60.1181	180R	MF, 1%, 0204, E24
0 J		54.01.0021 2 pcs	Jumper	0.63*0.63mm, Au	0		57.60.1680	68R	MF, 1%, 0204, E24
0 JP		54.01.0020 3 pcs	1p	Pin, 1reihig, gerade	0		57.60.1181	180R	MF, 1%, 0204, E24
	2	54.01.0020 3 pcs	1р	Pin, 1reihig, gerade	0		57.60.1103	10k	MF, 1%, 0204, E24
		1.950.605.12 1 pce		PEAES PCB	0		57.60.1103	10k	MF, 1%, 0204, E24
		1.950.605.04 1 pce	1-6-1	TYPENSCHILD	0		57.60.1103	10k	MF, 1%, 0204, E24
	P3 P4 1	43.01.0108 1 pce	Label	ESE-WARNSCHILD TEXT-ETIK. 5*20 HARDWARE -26	0		57.60.1103 57.60.1103	10k	MF, 1%, 0204, E24
		1.101.001.26 1 pce 1.950.605.10 1 pce		BAUGRUPPENSCHILD 10X80	0		57.60.1103	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	P8	89.01.1499 1 pce		QUARZ - ISOLIERPLATTE	0		57.60.1103	10k	MF, 1%, 0204, E24
	P 9	55.12.1122 1 pce		Seitenwand	0		57.60.1331	330R	MF, 1%, 0204, E24
		1.950.605.01 1 pce		FRONTPLATTE PEAES	0		57.60.1331	330R	MF, 1%, 0204, E24
0 MF		1.940.600.05 2 pcs		GRIFFEINLAGE 4TE	0	R 78	57.60.1331	330R	MF, 1%, 0204, E24
0 MF	P 12	49.02.0524 2 pcs	M2.5*12	Schraube spezial	0	R 79	57.60.1109	1R	MF, 1%, 0204, E24
	P 13	49.02.0521 2 pcs		Metall-Buchse (Rack)	0	R 80	57.60.1109	1R	MF, 1%, 0204, E24
	P 15	not used 2 pcs	M2.5*7	Senk-Schr, KS, Senkripp	0		57.60.1103	10k	MF, 1%, 0204, E24
	P 16	49.02.0514 1 pce	4TE	Frontplatten-Griffsatz	0		57.60.1103	10k	MF, 1%, 0204, E24
	P 19	28.99.0119 4 pcs	4.05	ROHRNIETE D 2.5*0.15* 9	0		57.60.1331	330R	MF, 1%, 0204, E24
	P 20 P 21	54.13.0081 2 pcs 24.16.2030 2 pcs	4.85mm 3.2/6.0	Bolzen UNC 4-40	0		57.60.1109	1R 27R	MF, 1%, 0204, E24
0 Q		50.60.0001	BC847B	Fächerscheibe Form A NPN 45V 100mA SOT 23	0		57.60.1270 57.60.1331	330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 Q		50.60.0001	BC847B	NPN 45V 100mA SOT 23	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1331	330R	MF, 1%, 0204, E24
0 R	2	57.60.1105	1 M	MF, 1%, 0204, E24	0	R 89	57.60.1270	27R	MF, 1%, 0204, E24
0 R	3	57.60.1331	330R	MF, 1%, 0204, E24	0	R 90	57.60.1331	330R	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R		57.60.1102	1k0 10k	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R		57.60.1103 57.60.1331	330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0	R 94 R 95	57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0	R 96	57.60.1331	330R	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R	11	57.60.1100	10R	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24	0	R 99	57.60.1270	27R	MF, 1%, 0204, E24
0 R		57.60.1102	1k0	MF, 1%, 0204, E24	0		57.60.1331	330R	MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24		R 101	57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1100	10R	MF, 1%, 0204, E24	0		57.60.1104	100k	MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1102 57.60.1103	1k0 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1104 57.60.1270	100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R		57.60.1100	10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1102	1k0	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R	23	57.60.1100	10R	MF, 1%, 0204, E24	0	R 110	57.60.1103	10k	MF, 1%, 0204, E24
0 R2		57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1331	330R	MF, 1%, 0204, E24
0 R		57.60.1111	110R	MF, 1%, 0204, E24		R 112	57.60.1103	10k	MF, 1%, 0204, E24
0 R2		57.60.1111	110R	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R2		57.60.1111	110R	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R2		57.60.1111 57.60.1111	110R 110R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1103 57.60.1109	10k 1R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R		57.60.1111	110R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1109	1R 1R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R		57.60.1111	110R	MF, 1%, 0204, E24		R 118	57.60.1102	1k0	MF, 1%, 0204, E24
0 R		57.60.1111	110R	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24
0 R		57.60.1331 57.60.1331	330R	MF, 1%, 0204, E24		R 124	57.60.1103 57.60.1100	10k	MF, 1%, 0204, E24
0 R		57.60.1331	330R	MF, 1%, 0204, E24	0	R 125	57.60.1100	10R	MF, 1%, 0204, E24



PEAES Board 1,950,605,26 (0)

x. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
R 126	57.60.1103	10k	MF, 1%, 0204, E24	0 R 213	57.60.1561	560R	MF, 1%, 0204, E24
R 127	57.60.1102	1k0	MF, 1%, 0204, E24	0 R 214	57.60.1561	560R	MF, 1%, 0204, E24
0 R 128	57.60.1102	1k0	MF, 1%, 0204, E24	0 R 215	57.60.1561	560R	MF, 1%, 0204, E24
R 129	57.60.1103	10k	MF, 1%, 0204, E24	0 R 216	57.60.1561	560R	MF, 1%, 0204, E24
0 R 130	57.60.1103	10k	MF, 1%, 0204, E24	0 R 217	57.60.1561	560R	MF, 1%, 0204, E24
0 R 131	57.60.1103	10k	MF, 1%, 0204, E24	0 R 218	57.60.1561	560R	MF, 1%, 0204, E24
0 R 132	57.60.1103	10k	MF, 1%, 0204, E24	0 R 219	57.60.1561	560R	MF, 1%, 0204, E24
0 R 133	57.60.1103	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 220 0 R 221	57.60.1561 57.60.1561	560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 134 0 R 135	57.60.1103 57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 222	57.60.1561	560R	MF, 1%, 0204, E24
0 R 136	57.60.1103	10k	MF, 1%, 0204, E24	0 R 223	57.60.1561	560R	MF, 1%, 0204, E24
0 R 137	57.60.1103	10k	MF, 1%, 0204, E24	0 R 224	57.60.1561	560R	MF, 1%, 0204, E24
0 R 138	57.60.1103	10k	MF, 1%, 0204, E24	0 R 225	57.60.1561	560R	MF, 1%, 0204, E24
0 R 139	57.60.1103	10k	MF, 1%, 0204, E24	0 R 226	57.60.1561	560R	MF, 1%, 0204, E24
0 R 140	57.60.1100	10R	MF, 1%, 0204, E24	0 R 227	57.60.1561	560R	MF, 1%, 0204, E24
0 R 141	57.60.1181	180R	MF, 1%, 0204, E24	0 R 228	57.60.1561	560R	MF, 1%, 0204, E24
0 R 142	57.60.1680	68R	MF, 1%, 0204, E24	0 R 229	57.60.1561	560R	MF, 1%, 0204, E24
0 R 143	57.60.1181	180R	MF, 1%, 0204, E24	0 R 230	57.60.1561	560R	MF, 1%, 0204, E24
0 R 144	57.60.1680	68R 1k5	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 231 0 R 232	57.60.1561 57.60.1561	560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 145 0 R 146	57.60.1152 57.60.1105	1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 232	57.60.1561	560R	MF, 1%, 0204, E24
0 R 146	57.60.1103	10k	MF, 1%, 0204, E24	0 R 234	57.60.1561	560R	MF, 1%, 0204, E24
0 R148	57.60.1103	10k	MF, 1%, 0204, E24	0 S1	55.12.1121		Code-Switch
0 R 149	57.60.1103	10k	MF, 1%, 0204, E24	0 S2	55.12.1121		Code-Switch
0 R 150	57.60.1103	10k	MF, 1%, 0204, E24	0 S3	55.15.0138	1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0 R 151	57.60.1103	10k	MF, 1%, 0204, E24	0 T1	1.022.632.00	1:1	DI/DO TRANSFORMER
0 R 152	57.60.1103	10k	MF, 1%, 0204, E24	0 T2	1.022.632.00	1:1	DI/DO TRANSFORMER
0 R 153	57.60.1270	27R	MF, 1%, 0204, E24	0 T3	1.022.632.00	1:1	DI/DO TRANSFORMER
0 R 154	57.60.1270	27R	MF, 1%, 0204, E24	0 T4	1.022.632.00	1:1	DI/DO TRANSFORMER
0 R 155	57.60.1103	10k	MF, 1%, 0204, E24	0 T5	1.022.632.00	1:1	DI/DO TRANSFORMER
0 R 156	57.60.1103	10k	MF, 1%, 0204, E24	0 T6 0 T7	1.022.632.00 1.022.632.00	1:1 1:1	DI/DO TRANSFORMER DI/DO TRANSFORMER
0 R 157 0 R 158	57.60.1220 57.60.1270	22R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 T8	1.022.632.00	1:1	DI/DO TRANSFORMER
0 R 159	57.60.1270	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 T9	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 160	57.60.1270	27R	MF, 1%, 0204, E24	0 T 10	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 161	57.60.1270	27R	MF, 1%, 0204, E24	0 T 11	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 162	57.60.1270	27R	MF, 1%, 0204, E24	0 T 12	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 163	57.60.1270	27R	MF, 1%, 0204, E24	0 T 13	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 164	57.60.1270	27R	MF, 1%, 0204, E24	0 T 14	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 165	57.60.1103	10k	MF, 1%, 0204, E24	0 T 15	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 166	57.60.1103	10k	MF, 1%, 0204, E24	0 T 16	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0 R 167	57.60.1103	10k	MF, 1%, 0204, E24	0 X 1	89.60.2002	16.0MHz	XTAL Oscillator
0 R 168	57.60.1103	10k	MF, 1%, 0204, E24	0 X2	89.60.2004	40.0MHz	XTAL Oscillator
0 R 169	57.60.1103	10k	MF, 1%, 0204, E24	0 XDL 2 0 XIC 1	53.03.0165 1.950.920.20	20p	DIL 0.3", löt, gerade SW 605/10/1 GAL A (50.63.3002
0 R 170 0 R 171	57.60.1220 57.60.1270	22R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 XIC 2	1.950.921.20		SW 605/615 GAL B (50.63.3002
0 R171	57.60.1220	27R 22R	MF, 1%, 0204, E24	0 XIC 3	1.950.930.26		SW605/06/10/16/21 BOOT(.130
0 R 173	57.60.1103	10k	MF, 1%, 0204, E24	0 XIC 8	53.03.0166 pce	8p	DIL 0.3", löt, gerade
0 R 174	57.60.1103	10k	MF, 1%, 0204, E24	0 XR 1	not used	1R	MF, 1%, 0204, E24
0 R 175	57.60.1103	10k	MF, 1%, 0204, E24	0 XXIC 3	53.03.2232	32p	PLCC-Socket
0 R 176	57.60.1103	10k	MF, 1%, 0204, E24	0 Y1	89.01.1017	1.8432MHz	XTAL HC49U
0 R 177	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 178	57.60.1103	10k	MF, 1%, 0204, E24			End of List	
0 R 179	57.60.1103	10k	MF, 1%, 0204, E24				
0 R 180 0 R 181	57.60.1220 57.60.1270	22R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 181 0 R 182	57.60.1270	27R 27R	MF, 1%, 0204, E24				
0 R 183	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 184	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 185	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 186	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 187	57.60.1220	22R	MF, 1%, 0204, E24				
0 R 188	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 189	57.60.1220	22R	MF, 1%, 0204, E24				
0 R 190	57.60.1220	22R	MF, 1%, 0204, E24				
0 R 191 0 R 192	57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 192 0 R 193	57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 194	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 195	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 196	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 197	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 198	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 199	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 200	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 201 0 R 202	57.60.1104 57.60.1104	100k 100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 202 0 R 203	57.60.1104 57.60.1561	100k 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 203	57.60.1561	560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 205	57.60.1561	560R	MF, 1%, 0204, E24				
0 R 206	57.60.1561	560R	MF, 1%, 0204, E24				
0 R 207	57.60.1561	560R	MF, 1%, 0204, E24				
0 R 208	57.60.1561	560R	MF, 1%, 0204, E24				
	57.60.1561	560R	MF, 1%, 0204, E24				
R 210	57.60.1561	560R	MF, 1%, 0204, E24				
	57.60.1561 57.60.1561 57.60.1561	560R 560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24				

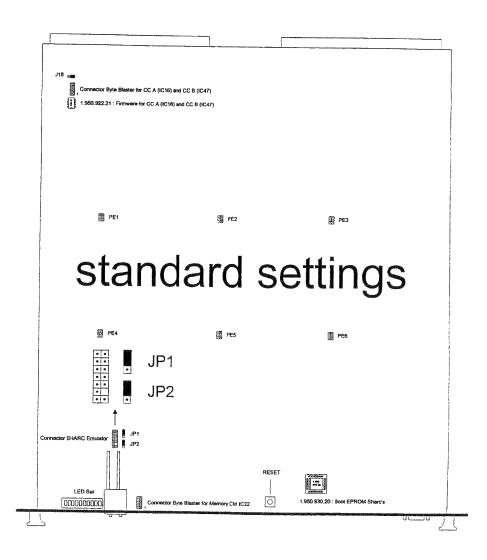


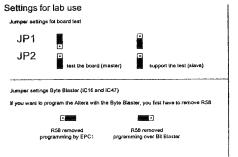
PE Board 1.950.610.26 (0) (Solder Side)

(300.010.20 (0) (300.0130.02)		
C38 C29 C28 C27 C28 C25 C24 C23 C22 R32 R31 R38 R28 R26 R27 R28 R25 C48 C55 C54 C53 C52 C51 C58 C48 C48 C66 C64 R34 R37 C55 C71 C72 C65 C73 R64 R37 C72 C65 C71 C69 C78 R64 R64 C74 [] R63 R64	C21	RV P2
Cas [5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Cas Cas
C128 R84 MHI R89 C124 C129 R84 MHI R89 C124 C120 C124 [R73	C87
C163	916 <u></u>	RIIS - C147 RIIS - [1]
C178	R283 R231 R298 R298 R298 R298 R298 R298 R298 R298	MI28 CI54
[]]] [[]]	NIS2 [] [] [] [] [] [] [] [] [] [] [] [] []	RMS

Accompanying documents: Zugehörige Unterlagen:	General tolerance: Scale: Freimasstoleranz: Massstab:	Scale: Massstab:	5 14.11.02 hm HM PG (0)	11.02	шų	HH	90	Θ
Ъľ	#		Aus Pate Bate Edi		Visa (Okted Seen Gepr. Ges.	een.	Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:		Original Size: Original format:	Size:	A3	A3 Page: 2/3	12	~
STCOER STORE REGENSORE BEGENSORE	PE Board	ESE	: nedaruk : nemaruk	1.95	0	950.610-26	1.7	9;

PE Board 1.950.610.26 (0) (Jumper Setting)





If you want to access a PE with the Emulator, you first have to remove the correspond ing resistors (R62 to access PE1) (R80 PE2) (R117 PE4) (R61 PE4) (R79 PE5) (R16 PE6)

access by the Emulator yes no yes resistor in place

Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: So Freimasstoleranz: Ha ±		Edition	14.11.02 Date Datum	hm Visa Gez.	Checked	P6 Seen	(Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:		Orig		A3	Page: Seite	_	3
REGENSDORF REGENSDORF	ard	ESE	Kumber: Kummer:	1.9	50.			



PE Board 1.950.610.26 (0)

Page: 1 of 4

	- Can Ca		10120 (0)				raye. 1 014
dx. Pos.	Part No. (Qty. Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description
0 C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 88	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C2	not used	47n	CER 50V, 10%, X7R, 0805	0 C 89	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C3	not used	47n	CER 50V, 10%, X7R, 0805	0 C 90	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 4	not used	10u	EL 16V, 4.0*5.7	0 C 91 0 C 92	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
0 05	not used	10n	OER 50V, 10%, X7R, 0805	0 C 93	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C6 0 C7	not used	47n 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 94	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C7 C8	not used not used	100n	CER 50V, 10%, X7R, 0805	0 C 95	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 9	not used	10u	EL 16V, 4.0*5.7	0 C 96	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 10	not used	10n	CER 50V, 10%, X7R, 0805	0 C 97	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 11	not used	47n	CER 50V, 10%, X7R, 0805	0 C 98	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 12	not used	10n	CER 50V, 10%, X7R, 0805	0 C 99	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 13	not used	100n	CER 50V, 10%, X7R, 0805	0 C 100	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 14	not used	10u	EL 16V, 4.0*5.7	0 C 101	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 15	not used	10n	CER 50V, 10%, X7R, 0805	0 C 102	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 16	not used	10n	CER 50V, 10%, X7R, 0805	0 C 103 0 C 104	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 17	not used	100n	CER 50V, 10%, X7R, 0805	0 C 104	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 18	not used	10u	EL 16V, 4.0*5.7	0 C 105	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 19	not used	10n	CER 50V, 10%, X7R, 0805	0 C 107	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 20	not used	10n	CER 50V, 10%, X7R, 0805	0 C 108	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 21	not used	100n	CER 50V, 10%, X7R, 0805	0 C 109	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 22	not used	100n	CER 50V, 10%, X7R, 0805	0 C 110	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 23	not used	100p	CER 50V, 5%, C0G, 0603	0 C 111	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 24 C 25	not used not used	100p 100p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 C 112	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 26	not used not used	100p	CER 50V, 5%, COG, 0603	0 C 113	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 27	not used	100p	CER 50V, 5%, COG, 0603	0 C 114	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 28	not used	100p	CER 50V, 5%, C0G, 0603	0 C 115	59,60.3337	100n	CER 50V, 10%, X7R, 0805
C 29	not used	100p	CER 50V, 5%, C0G, 0603	0 C 116	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 30	not used	100p	CER 50V, 5%, C0G, 0603	0 C 117	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 31	not used	100n	CER 50V, 10%, X7R, 0805	0 C 118	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 32	not used	47n	CER 50V, 10%, X7R, 0805	0 C 119	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 33	not used	47n	CER 50V, 10%, X7R, 0805	0 C 120	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 34	59.68.0109	10u	EL 35V, 5.0*5.7	0 C 121	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 35	not used	10u	EL 16V, 4.0*5.7	0 C 122	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 36	not used	10n	CER 50V, 10%, X7R, 0805	0 C 123 0 C 124	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 37	not used	47n	CER 50V, 10%, X7R, 0805	0 C 124 0 C 125	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
C 38	not used	10n	CER 50V, 10%, X7R, 0805	0 C 126	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 39	not used	100n	CER 50V, 10%, X7R, 0805	0 C 127	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 40	not used	10u	EL 16V, 4.0*5.7	0 C 128	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 41	not used not used	10n 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 129	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 42 C 43	not used	100n	CER 50V, 10%, X7R, 0805	0 C 130	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 44	not used	10u	EL 16V, 4.0*5.7	0 C 131	59.68.0065	10u	EL 16V, 4.0*5.7
C 45	not used	10n	CER 50V, 10%, X7R, 0805	0 C 132	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 46	not used	47n	CER 50V, 10%, X7R, 0805	0 C 133	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 47	59.68.0109	10u	EL 35V, 5.0*5.7	0 C 134	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 48	not used	100p	CER 50V, 5%, C0G, 0603	0 C 135	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 49	not used	100p	CER 50V, 5%, C0G, 0603	0 C 136	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 50	not used	100p	CER 50V, 5%, C0G, 0603	0 C 137 0 C 138	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 51	not used	100p	CER 50V, 5%, C0G, 0603	0 C 138	59.68.0109	10u	EL 35V, 5.0*5.7
C 52	not used	100p	CER 50V, 5%, C0G, 0603	0 C 140	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 53	not used	100p	CER 50V, 5%, C0G, 0603	0 C 141	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 54	not used	100p	CER 50V, 5%, C0G, 0603	0 C 142	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 55 C 56	not used not used	100p 100n	CER 50V, 5%, C0G, 0603 CER 50V, 10%, X7R, 0805	0 C 143	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 57	not used	10n	CER 50V, 10%, X7R, 0805	0 C 144	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 58	not used	100n	CER 50V, 10%, X7R, 0805	0 C 145	59.68.0065	10u	EL 16V, 4.0*5.7
59	not used	10u	EL 16V, 4.0*5.7	0 C 146	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 60	not used	10n	CER 50V, 10%, X7R, 0805	0 C 147	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 61	not used	10n	CER 50V, 10%, X7R, 0805	0 C 148	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 62	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 149	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
63	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 150	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 64	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 151 0 C 152	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
C 65	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 153	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 66	not used	100n	CER 50V, 10%, X7R, 0805	0 C 154	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 67 C 68	not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 155	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 69	not used 59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 156	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 70	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 157	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 71	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 158	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 72	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 159	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 73	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 160	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 74	59.60,3337	100n	CER 50V, 10%, X7R, 0805	0 C 161	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 75	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 162	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 76	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 163	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 77	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 164 0 C 165	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 78	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 166	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
C 79	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 167	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	0 C 168	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 80 C 81	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 169	59.60.3337	100n	CER 50V, 10%, X7R, 0805
81		100n		0 C 170	59.60.3337	100n	CER 50V, 10%, X7R, 0805
1 2							
	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 171	59.60.3337	100n	CER 50V, 10%, X7R, 0805
1 2 3		100n 100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 172	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805				



PE Board 1.950.610.26 (0)

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			10120 (0)				raye. 2 0
ldx. Pos.	Part No.	Qty. Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 C 175	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 19	not used	grn	LED mit Halter
0 C 176	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 20	not used	grn	LED mit Halter
0 C 177	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 22	50.04.2750	red	LED mit Halter
0 C 178	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC1	not used	CS8411A	Dig audio interface receiver
0 C 179	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 2 0 IC 3	not used	CS8411A	Dig audio interface receiver
0 C 180 0 C 181	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 3 0 IC 4	not used not used	CS8411A CS8411A	Dig audio interface receiver Dig audio interface receiver
0 C 182	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 5	not used	AD1890	Sample Rate Converter
0 C 183	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 6	not used	DS34C86	4*RS 422 Line Receiver
0 C 184	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 7	not used	DS34C86	4*RS 422 Line Receiver
0 C 185	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC8	1.950.922.22		SW 605/615 CC (50.63.4298)
0 C 186	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 9	not used	CS8411A	Dig audio interface receiver
0 C 187	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 10	not used	CS8411A	Dig audio interface receiver
D C 188	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 11	not used	CS8411A	Dig audio interface receiver
D C 189	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 12	not used	CS8411A	Dig audio interface receiver
C 190	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 13	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 191	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 14	50.62.6745	74ABTE16245	16bit Bus-Driver
C 192	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 15	not used	AD1890	Sample Rate Converter
C 193 C 194	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 16 0 IC 17	50.63.4207 50.62.6745	EPF8820R 74ABTE16245	EPLD 8000 QFP208 16bit Bus-Driver
C 194 C 195	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805	0 IC 17	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 195	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 19	50.63.0408	ADSP21062	32bit DSP
C 197	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 20	50.63.0408	ADSP21062	32bit DSP
C 198	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 21	50.62.6974	74FCT162374	16bit Bus Latches
C 199	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 22	1.950.919.21		SW 610 MEMCTRL (50.63.4206)
C 200	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 23	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 201	59.60.2241	47p	CER 50V, 5%, C0G, 0603	0 IC 24	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 202	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 IC 25	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 203	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 26	50.62.6974	74FCT162374	16bit Bus Latches
C 204	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 27	50.62.6915	74FCT88915	Clock-Driver
C 205	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 28	50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 206	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 29	50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 207	not used	10u	EL 35V, 5.0*5.7	0 IC 30	50.62.6907	74FCT807	Share Clock-Driver
C 208 C 209	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 31	50.63.0408	ADSP21062	32bit DSP
C 209	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 32	50.63.0408	ADSP21062	32bit DSP
C 210	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 33	50.62.6746	74ABTE16246	16bit Bus-Driver o.c.
C 211	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 34	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 212	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 35 0 IC 36	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 213 C 214	not used not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 36 0 IC 37	50.63.1506 50.62.6745	IDT7014 74ABTE16245	Dualport SRAM, 4K*9 16bit Bus-Driver
C 215	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 38	50.63.2001	7705B	Reset Generator
C 216	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 39	50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 217	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 40	50.62.6745	74ABTE16245	16bit Bus-Driver
C 217 C 218	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 41	50.63.0408	ADSP21062	32bit DSP
C 219	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 42	50.63.0408	ADSP21062	32bit DSP
C 220	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 43	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 221	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 44	50.63.2001	7705B	Reset Generator
C 222	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 45	50.63.0203	TL16C550	UART
C 223	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 46	50.62.6946	74FCT162245	16bit Bus-Driver, tri
C 224	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 47	50.63.4207	EPF8820R	EPLD 8000 QFP208
C 225	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 48	50.62.6974	74FCT162374	16bit Bus Latches
C 226	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 49	50.63.1506	IDT7014	Dualport SRAM, 4K*9
C 227 C 228	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 50	50.62.6974	74FCT162374	16bit Bus Latches
C 228	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 51	not used	CS8401A	Dig audio interface transmitt
C 229 C 230	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 52	not used	CS8401A	Dig audio interface transmitt
C 230 C 231	not used not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 53 0 IC 54	not used not used	CS8401A CS8401A	Dig audio interface transmitt Dig audio interface transmitt
C 232	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 55	50.62.0462	MAX 225	5*RS 232 Driver/Receiver
C 233	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 56	not used	DS34C87	4*RS 422 Line Driver
C 233 C 234	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 57	not used	DS34C87	4*RS 422 Line Driver
C 235	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 58	50.62.6905	49FCT805	Dual Clock-Driver
C 236	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 59	not used	CS8401A	Dig audio interface transmitt
C 237	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 60	not used	CS8401A	Dig audio interface transmitt
C 238	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 61	not used	CS8401A	Dig audio interface transmitt
C 239	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 62	not used	CS8401A	Dig audio interface transmitt
C 240	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 63	not used	DS34C87	4*RS 422 Line Driver
C 241	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 64	not used	DS34C87	4*RS 422 Line Driver
C 242	not used	100p	CER 50V, 5%, COG, 0603	0 IC 65	50.62.6905	49FCT805	Dual Clock-Driver
C 243	not used	100p	CER 50V, 5%, C0G, 0603	0 J1	not used	1p	Pin, 1reihig, gerade
C 244	not used	100p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 J2	not used	1p	Pin, 1reihig, gerade
C 245 C 246	not used not used	100p 100p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 J3 0 J4	not used not used	1p	Pin, 1reihig, gerade Pin, 1reihig, gerade
C 246	not used	100p 100p	CER 50V, 5%, C0G, 0603	0 J4 0 J5	not used not used	1p 1p	Pin, Treinig, gerade Pin, Treihig, gerade
C 248	not used	100p	CER 50V, 5%, C0G, 0603	0 J6	not used	1p	Pin, 1reihig, gerade
C 248 C 249	not used	100p	CER 50V, 5%, C0G, 0603	0 J7	not used	1p	Pin, 1reihig, gerade
C 250	not used	100p	CER 50V, 5%, C0G, 0603	0 J8	not used	1p	Pin, 1reihig, gerade
C 251	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J9	not used	1p	Pin, 1reihig, gerade
C 252	not used	100n	CER 50V, 10%, X7R, 0805	0 J 10	not used	1p	Pin, 1reihig, gerade
C 253	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J 11	not used	1p	Pin, 1reihig, gerade
DL1	50.04.2751	grn	LED mit Halter	0 J 12	not used	1p	Pin, 1reihig, gerade
DL 2	50.04.2811	10*grn	LED-Bargraph 10*green	0 J 13	not used	1p	Pin, 1reihig, gerade
DL 10	not used	grn	LED mit Halter	0 J 14	not used	1p	Pin, 1reihig, gerade
DL 11	not used	grn	LED mit Halter	0 J15	not used	1p	Pin, 1reihig, gerade
DL 12	not used	grn	LED mit Halter	0 J 16	not used	1p	Pin, 1reihig, gerade
		grn	LED mit Halter	0 J 17	not used 10 pcs	1p	Pin, 1reihig, gerade
DL 15	not used						
	not used not used not used	grn grn	LED mit Halter LED mit Halter	0 J18 0 J19	not used 3 pcs	1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade Pin, 1reihig, gerade



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								1 agc. 0 01 4
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ld	x. Pos.	Part No. Qty		Description
0 J 20	not used	1p	Pin, 1reihig, gerade		R 39	not used	1k0	MF, 1%, 0204, E24
0 J 21	not used	1p	Pin, 1reihig, gerade		R 40	not used	10k	MF, 1%, 0204, E24
0 J 22	not used	1p	Pin, 1reihig, gerade		R 41	57.60.1331	330R	MF, 1%, 0204, E24
0 J 23	54.01.0020 14 pcs	1p	Pin, 1reihig, gerade		R 42	not used	10R	MF, 1%, 0204, E24
0 J 24	54.11.0136 1 pce 54.01.0020 0 pce	2*3p	Pin 0.63*0.63, RM2.54 Pin, 1reihig, gerade	0		not used not used	10k 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 J25 0 J26	54.01.0020 0 pce	1p 1p	Pin, 1reinig, gerade Pin, 1reihig, gerade			not used	10k	MF, 1%, 0204, E24
0 J 27	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54			not used	10R	MF, 1%, 0204, E24
0 J 28	54.01.0020 0 pce	1p.	Pin, 1reihig, gerade		R 47	not used	10k	MF, 1%, 0204, E24
0 J 29	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	C		not used	1k0	MF, 1%, 0204, E24
0 J30	54.11.2009 1 pce	96p	EU-R 3*32p	c	R 49	not used	10k	MF, 1%, 0204, E24
0 J 31	54.01.0020 10 pcs	1p	Pin, 1reihig, gerade	C	R 50	not used	10R	MF, 1%, 0204, E24
0 J32	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	C		not used	10k	MF, 1%, 0204, E24
0 J33	54.01.0020 0 pce	1p	Pin, 1reihig, gerade		R 52	not used	1k0	MF, 1%, 0204, E24
0 J 34	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		not used	10k	MF, 1%, 0204, E24
0 J35 0 J36	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54 Pin, 1reihig, gerade	0		57.60.1102 57.60.1103	1k0 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 J 37	54.01.0020 0 pce 54.01.0020 0 pce	1p 1p	Pin, 1reinig, gerade			57.60.1331	330R	MF, 1%, 0204, E24
0 J38	not used	1p	Pin, 1reihig, gerade		R 57	57.60.1102	1k0	MF, 1%, 0204, E24
0 J 39	not used	1p	Pin, 1reihig, gerade	(57.60.1109	1R	MF, 1%, 0204, E24
0 J40	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	C	R 59	not used	10R	MF, 1%, 0204, E24
0 J41	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	C	R 60	not used	10k	MF, 1%, 0204, E24
0 J42	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	C		57.60.1109	1R	MF, 1%, 0204, E24
0 J43	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	C		57.60.1109	1R	MF, 1%, 0204, E24
0 J44	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0		57.60.1103	10k	MF, 1%, 0204, E24
0 J 45	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	(57.60.1103	10k	MF, 1%, 0204, E24
0 J 46	54.11.2009 1 pce	96p	EU-R 3*32p	0		57.60.1680	68R	MF, 1%, 0204, E24
0 J47 0 J48	54.13.0071 1 pce 54.01.0021 2 pcs	9p Jumper	D-Sub, PCB, Winkel 0.63*0.63mm, Au	0		57.60.1181 57.60.1680	180R 68R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 JP1	54.01.0021 2 pcs 54.01.0020 3 pcs	Jumper 1p	Pin, 1reihig, gerade			57.60.1181	180R	MF, 1%, 0204, E24
0 JP 2	54.01.0020 3 pcs	1p	Pin, 1reinig, gerade			57.60.1103	10k	MF, 1%, 0204, E24
0 MP1	1.950.605.12 1 pce		PEAES PCB	C		57.60.1103	10k	MF, 1%, 0204, E24
0 MP 2	1.950.610.04 1 pce		TYPENSCHILD	C	R 71	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 3	43.01.0108 1 pce	Label	ESE-WARNSCHILD	C	R 72	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 4	1.101.001.26 1 pce		TEXT-ETIK. 5*20 HARDWARE -26	C		57.60.1103	10k	MF, 1%, 0204, E24
0 MP 5	1.950.610.10 1 pce		BAUGRUPPENSCHILD 10X80	C		57.60.1103	10k	MF, 1%, 0204, E24
0 MP 8	89.01.1499 1 pce		QUARZ - ISOLIERPLATTE	0		57.60.1103	10k	MF, 1%, 0204, E24
0 MP 9 0 MP 1	55.12.1122 1 pce 0 1.950.610.01 1 pce		Seitenwand FRONTPLATTE PE	0		57.60.1331 57.60.1331	330R 330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 MP1			GRIFFEINLAGE 4TE			57.60.1331	330R	MF, 1%, 0204, E24
0 MP 1		M2.5*12	Schraube spezial	Č		57.60.1109	1R	MF, 1%, 0204, E24
0 MP 1			Metall-Buchse (Rack)	c		57.60.1109	1R	MF, 1%, 0204, E24
0 MP 1	5 not used 2 pcs	M2.5*7	Senk-Schr, KS, Senkripp	C	R 81	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 1	6 49.02.0514 1 pce	4TE	Frontplatten-Griffsatz	C	R 82	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 1	·		ROHRNIETE D 2.5*0.15* 9	C		57.60.1331	330R	MF, 1%, 0204, E24
0 MP 2	·	4.85mm	Bolzen UNC 4-40	0		57.60.1109	1R	MF, 1%, 0204, E24
0 MP 2		3.2/6.0	Fächerscheibe Form A NPN 45V 100mA SOT 23	0		57.60.1270 57.60.1331	27R 330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 Q1 0 Q2	50.60.0001 50.60.0001	BC847B BC847B	NPN 45V 100mA SOT 23			57.60.1270	27R	MF, 1%, 0204, E24
0 R1	57.60.1331	330R	MF, 1%, 0204, E24	ď		57.60.1331	330R	MF, 1%, 0204, E24
0 R2	57.60.1105	1M	MF, 1%, 0204, E24	C		57.60.1270	27R	MF, 1%, 0204, E24
0 R3	57.60.1331	330R	MF, 1%, 0204, E24	C	R 90	57.60.1331	330R	MF, 1%, 0204, E24
0 R4	57.60.1331	330R	MF, 1%, 0204, E24	C		57.60.1270	27R	MF, 1%, 0204, E24
0 R 5	57.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1270	27R	MF, 1%, 0204, E24
0 R6 0 R7	not used not used	1k0 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R8	57.60.1331	330R	MF, 1%, 0204, E24			57.60.1270	27R	MF, 1%, 0204, E24
0 R9	57.60.1331	330R	MF, 1%, 0204, E24	ď		57.60.1331	330R	MF, 1%, 0204, E24
0 R 10	57.60.1331	330R	MF, 1%, 0204, E24	C	R 97	57.60.1270	27R	MF, 1%, 0204, E24
0 R11	not used	10R	MF, 1%, 0204, E24	C	R 98	57.60.1270	27R	MF, 1%, 0204, E24
0 R 12	not used	10k	MF, 1%, 0204, E24		R 99	57.60.1270	27R	MF, 1%, 0204, E24
0 R13	not used	1k0	MF, 1%, 0204, E24		R 100	57.60.1331 57.60.1103	330R	MF, 1%, 0204, E24
0 R14 0 R15	not used not used	10k 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 101 R 102	57.60.1103 57.60.1104	10k 100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R15	not used	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24			57.60.1103	100k	MF, 1%, 0204, E24
0 R 17	not used	1k0	MF, 1%, 0204, E24			57.60.1104	100k	MF, 1%, 0204, E24
0 R 18	not used	10k	MF, 1%, 0204, E24	ď		57.60.1270	27R	MF, 1%, 0204, E24
0 R 19	not used	10R	MF, 1%, 0204, E24	C	R 106	57.60.1270	27R	MF, 1%, 0204, E24
0 R 20	not used	10k	MF, 1%, 0204, E24		R 107	57.60.1103	10k	MF, 1%, 0204, E24
0 R 21	not used	1k0	MF, 1%, 0204, E24			57.60.1103	10k	MF, 1%, 0204, E24
0 R 22	not used	10k	MF, 1%, 0204, E24	0		57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 23 0 R 24	not used not used	10R 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1103 57.60.1331	10k 330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 25	not used	110R	MF, 1%, 0204, E24		R 112	57.60.1103	10k	MF, 1%, 0204, E24
0 R 26	not used	110R	MF, 1%, 0204, E24		R 113	57.60.1103	10k	MF, 1%, 0204, E24
0 R 27	not used	110R	MF, 1%, 0204, E24	C	R 114	57.60.1270	27R	MF, 1%, 0204, E24
0 R 28	not used	110R	MF, 1%, 0204, E24	C		57.60.1103	10k	MF, 1%, 0204, E24
0 R 29	not used	110R	MF, 1%, 0204, E24	(57.60.1109	1R	MF, 1%, 0204, E24
0 R30 0 R31	not used	110R 110R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 117	57.60.1109 57.60.1102	1R	MF, 1%, 0204, E24
0 R 31 0 R 32	not used not used	110R 110R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 118	57.60.1102 57.60.1103	1k0 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R32	57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 120	57.60.1103	10k	MF, 1%, 0204, E24
0 R34	57.60.1103	10k	MF, 1%, 0204, E24	Ċ		57.60.1103	10k	MF, 1%, 0204, E24
0 R 35	57.60.1331	330R	MF, 1%, 0204, E24		R 122	57.60.1103	10k	MF, 1%, 0204, E24
0 R 36	57.60.1331	330R	MF, 1%, 0204, E24	C		57.60.1103	10k	MF, 1%, 0204, E24
0 R 37	57.60.1331	330R	MF, 1%, 0204, E24		R 124	57.60.1103	10k	MF, 1%, 0204, E24
0 R 38	57.60.1331	330R	MF, 1%, 0204, E24	C	R 125	57.60.1100	10R	MF, 1%, 0204, E24



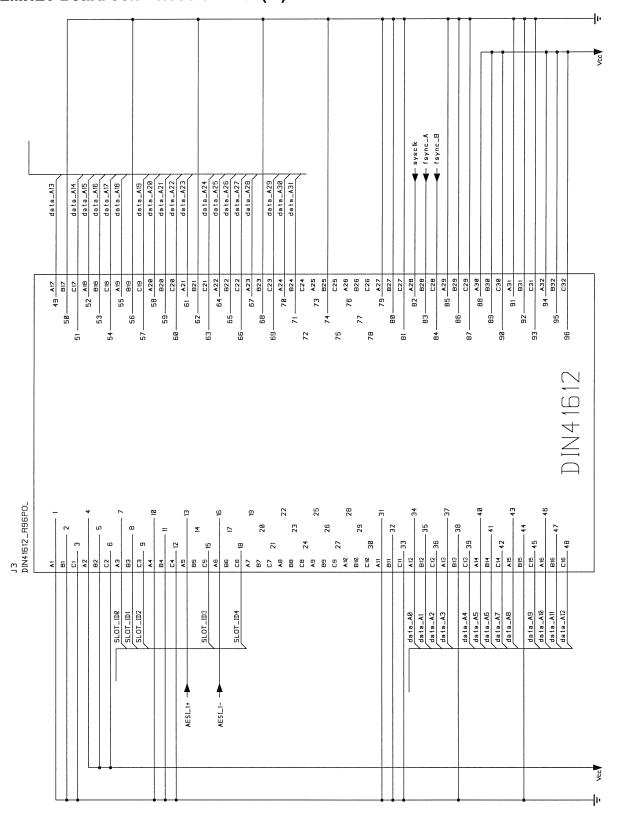
PF Board 1.950.610.26 (0)

dx. Pos.	Part No. Qty.	Type/Val.	Description	ldx	. Pos.	Part No. Qty.	Type/Val.	Description
0 R 126	57.60.1103	10k	MF, 1%, 0204, E24	0	R 213	57.60.1561	560R	MF, 1%, 0204, E24
0 R 127	57.60.1102	1k0	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 128	57.60.1102	1k0	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 129	57.60.1103	10k	MF, 1%, 0204, E24	0	R 216	57.60.1561	560R	MF, 1%, 0204, E24
0 R 130	57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 131	57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 132	57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 133	57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 134	57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 135	57.60.1103	10k	MF, 1%, 0204, E24	0	R 222	57.60.1561	560R	MF, 1%, 0204, E24
0 R 136	57.60.1103	10k	MF, 1%, 0204, E24	0		57.60.1561 57.60.1561	560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 137	57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1561	560R	
0 R 138 0 R 139	57.60.1103 57.60.1103	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		57.60.1561	560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 140	57.60.1100	10R	MF, 1%, 0204, E24	ō		57.60.1561	560R	MF, 1%, 0204, E24
0 R 141	57.60.1181	180R	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 142	57.60.1680	68R	MF, 1%, 0204, E24	0	R 229	57.60.1561	560R	MF, 1%, 0204, E24
0 R 143	57.60.1181	180R	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 144	57.60.1680	68R	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 145	57.60.1152	1k5	MF, 1%, 0204, E24	0	R 232	57.60.1561	560R	MF, 1%, 0204, E24
0 R 146	57.60.1105	1M	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 147	not used	10k	MF, 1%, 0204, E24	0		57.60.1561	560R	MF, 1%, 0204, E24
0 R 148	not used	10k	MF, 1%, 0204, E24	0		55.12.1121		Code-Switch
0 R 149	not used	10k	MF, 1%, 0204, E24	0		55.12.1121		Code-Switch
0 R 150	not used	10k	MF, 1%, 0204, E24	0		55.15.0138	1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0 R 151	not used	10k	MF, 1%, 0204, E24	0		not used	1:1	DI/DO TRANSFORMER
0 R 152	not used	10k	MF, 1%, 0204, E24		T 2	not used	1:1	DI/DO TRANSFORMER
0 R 153	not used	27R	MF, 1%, 0204, E24	o		not used	1:1	DI/DO TRANSFORMER
0 R 154	not used	27R	MF, 1%, 0204, E24	0	T 4	not used	1:1	DI/DO TRANSFORMER
0 R 155	not used	10k	MF, 1%, 0204, E24	0		not used	1:1	DI/DO TRANSFORMER
0 R 156	not used	10k	MF, 1%, 0204, E24	0		not used	1:1	DI/DO TRANSFORMER
0 R 157	not used	22R	MF, 1%, 0204, E24		T 7	not used	1:1	DI/DO TRANSFORMER
0 R 158	not used	27R	MF, 1%, 0204, E24	0	T 8	not used	1:1	DI/DO TRANSFORMER
0 R 159	not used	22R	MF, 1%, 0204, E24	0	T 9	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 160	57.60.1270	27R	MF, 1%, 0204, E24	0	T 10	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 161	57.60.1270	27R	MF, 1%, 0204, E24	0	T 11	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 162	57.60.1270	27R	MF, 1%, 0204, E24	0	T 12	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 163	57.60.1270	27R	MF, 1%, 0204, E24	0	T 13	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 164	57.60.1270	27R	MF, 1%, 0204, E24	0	T 14	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 165	57.60.1103	10k	MF, 1%, 0204, E24	0	T 15	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 166	57.60.1103	10k	MF, 1%, 0204, E24	0	T 16	not used	1:1.4	OUTPUT TRAFO AES/EBU
0 R 167	57.60.1103	10k	MF, 1%, 0204, E24	0	X 1	not used	16.0MHz	XTAL Oscillator
0 R 168	not used	10k	MF, 1%, 0204, E24	0	X 2	89.60.2004	40.0MHz	XTAL Oscillator
0 R 169	not used	10k	MF, 1%, 0204, E24	0	XDL 2	53.03.0165	20p	DIL 0.3", löt, gerade
0 R 170	not used	22R	MF, 1%, 0204, E24	0	XIC 1	1.950.920.20		SW 605/10/1 GAL A (50.63.3002
0 R 171	not used	27R	MF, 1%, 0204, E24	0	XIC 2	1.950.921.20		SW 605/615 GAL B (50.63.3002
0 R 172	not used	22R	MF, 1%, 0204, E24	0	XIC 3	1.950.930.26		SW605/06/10/16/21 BOOT(.130
0 R 173	not used	10k	MF, 1%, 0204, E24	0	XIC 8	53.03.0166 pce	8p	DIL 0.3", löt, gerade
0 R 174	not used	10k	MF, 1%, 0204, E24	0		not used	1R	MF, 1%, 0204, E24
0 R 175	not used	10k	MF, 1%, 0204, E24	0		53.03.2232	32p	PLCC-Socket
0 R 176	not used	10k	MF, 1%, 0204, E24	0	Y 1	89.01.1017	1.8432MHz	XTAL HC49U
0 R 177	not used	27R	MF, 1%, 0204, E24					
0 R 178	not used	10k	MF, 1%, 0204, E24	-			End of List	
0 R 179	not used	10k	MF, 1%, 0204, E24					
0 R 180	not used	22R	MF, 1%, 0204, E24					
0 R 181	not used 57 60 1270	27R 27B	MF, 1%, 0204, E24					
0 R 182	57.60.1270	27R	MF, 1%, 0204, E24					
0 R 183	57.60.1270 57.60.1270	27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 R 184 0 R 185	57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 R 185 0 R 186	57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 R 186 0 R 187	not used	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 R 188	not used	27R	MF, 1%, 0204, E24					
0 R 189	not used	27R 22R	MF, 1%, 0204, E24					
0 R 190	not used	22R	MF, 1%, 0204, E24					
0 R 191	57.60.1270	27R	MF, 1%, 0204, E24					
0 R 192	57.60.1270	27R	MF, 1%, 0204, E24					
0 R 193	57.60.1270	27R	MF, 1%, 0204, E24					
0 R 194	57.60.1270	27R	MF, 1%, 0204, E24					
0 R 195	57.60.1104	100k	MF, 1%, 0204, E24					
0 R 196	57.60.1104	100k	MF, 1%, 0204, E24					
0 R 197	57.60.1104	100k	MF, 1%, 0204, E24					
0 R 198	57.60.1104	100k	MF, 1%, 0204, E24					
0 R 199	57.60.1104	100k	MF, 1%, 0204, E24					
	57.60.1104	100k	MF, 1%, 0204, E24					
0 R 200	57.60.1104	100k	MF, 1%, 0204, E24					
	57.60.1104	100k	MF, 1%, 0204, E24					
		560R	MF, 1%, 0204, E24					
0 R 201 0 R 202	57.60.1561	ECOD	MF, 1%, 0204, E24					
0 R 201 0 R 202	57.60.1561 57.60.1561	560R						
0 R 201 0 R 202 0 R 203 0 R 204 0 R 205		560R	MF, 1%, 0204, E24					
0 R 201 0 R 202 0 R 203 0 R 204	57.60.1561							
0 R 201 0 R 202 0 R 203 0 R 204 0 R 205	57.60.1561 57.60.1561	560R	MF, 1%, 0204, E24					
R 201 R 202 R 203 R 204 R 205 R 206	57.60.1561 57.60.1561 57.60.1561	560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
R 201 R 202 R 203 R 204 R 205 R 206 R 207	57.60.1561 57.60.1561 57.60.1561 57.60.1561	560R 560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
R 201 R 202 R 203 R 204 R 205 R 206 R 207 R 208	57.60.1561 57.60.1561 57.60.1561 57.60.1561 57.60.1561	560R 560R 560R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					



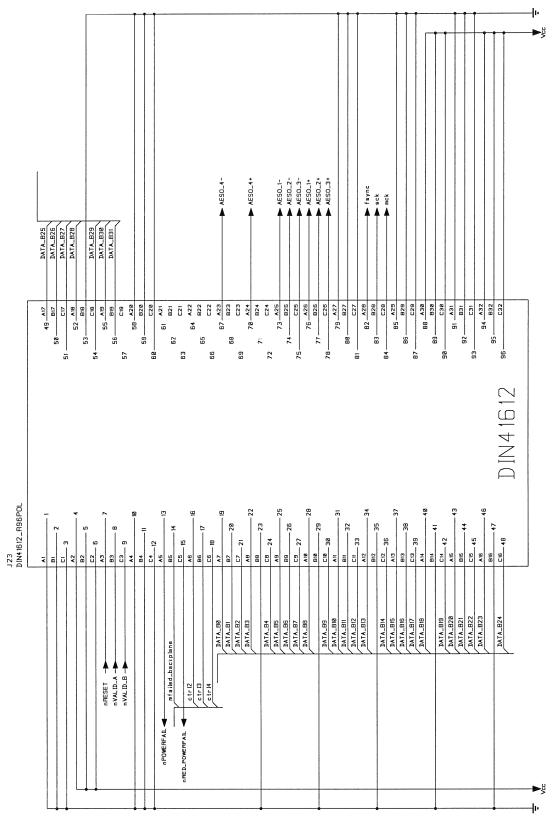
DIAGRAMS MADI/MEMNET BOARD

	Assembly No.	Diagram	Component Layout	Parts List
MADI Board 96k	1.950.616.20	1 050 616 20	1.950.616.20	1.950.616.20
MEMNET Board 96k	1.950.621.20	1.950.616.20	1.950.621.20	1.950.621.20



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						D950				PAGE	1 o f	25
STUDER			MADI / MEM	NET BOAL	٦D	SC	1.5	950.618	5/62	1.20		



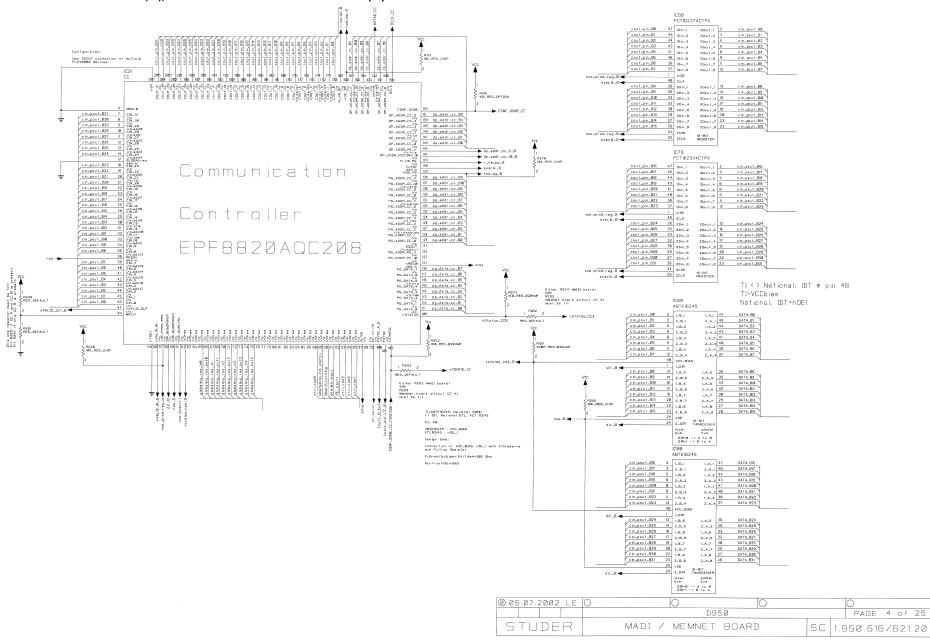


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	D950							PAGE	2	o f	25		
STUDER			MADI / ME	MNET	BOARD		SC	1.9	50.61E	/E	321.	.20	

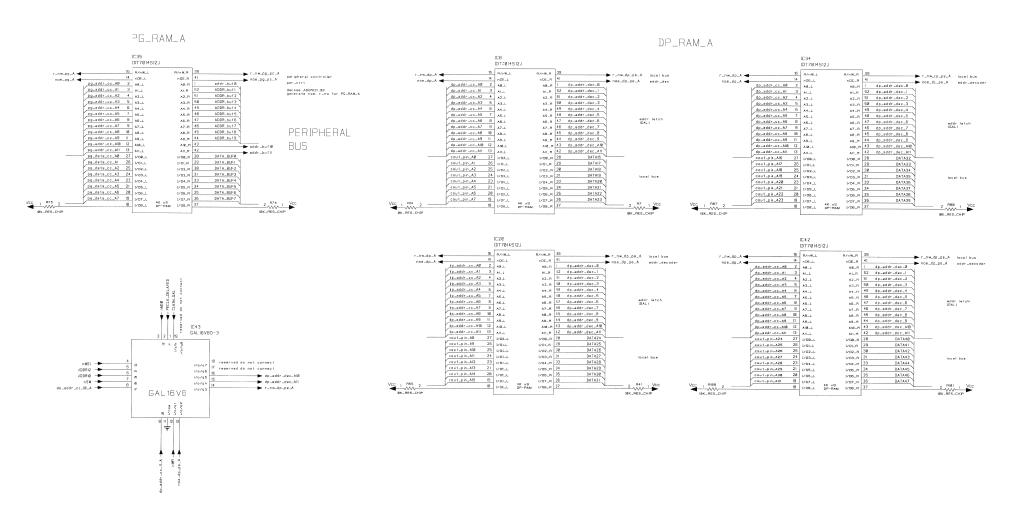
IC21 FCT162374CTPV MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0) cout_pin_Al 45 min 2 10out_5 B cin_pout_A4 IQuit_6 9 cin_paut_AS cout_pin_A8 36 2Bin_1 cout_pin_A9 35 2Bin_2 cout_pin_A88 33 2Bin_2 Use SDOUT connection of multiple FLEXESSE Devices 20out_2 14 cin_pout_A8 20out_3 15 cin_pout_A8 cout_pin_All 32 2Din_4 20out_4 17 cin_pout_Att | CBUL_DM.AM | 22 | 229-4 | 200-1 | 5 | CBU_DM.AM | 29-15 | 200-1 | 5 | CBU_DM.AM | 29-15 | 200-15 | 5 | CBU_DM.AM | 29-15 | 200-15 | 28 | CBU_DM.AM | 29 | 29-16 | 200-1 | 29 | 28 | CBU_DM.AM | 29 | 29-16 | 29-17 | 29 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29-17 | 29 IC14 EE sysck_A -FCT162374CTPV ── CONF_DONE_CC_DASCADE COUL.pin.A16 47 Wh.1 COUL.pin.A17 46 Wh.2 COUL.pin.A18 44 Wh.2 COUL.pin.A18 43 Wh.4 COUL.pin.A19 43 Wh.4 COUL.pin.A21 48 Wh.5 COUL.pin.A22 38 Wh.6 COUL.pin.A22 38 Wh.6 COUL.pin.A22 37 Wh.7 COUL.pin.A23 37 Wh.7 COUL.pin.A24 49 Wh.7 10ou t_B 9 cin_pout_A2 DP_ADDR_PE_II DP_ADDR_PECONV_IB 1Dout _7 11 ____dp_addr_cc_18_A r_nw_pg_A Communication 49 ICLK noe_pg_A cout_pin_A24 36 2bin_1 cout_pin_A25 35 2bin_2 cout_pin_A25 33 2bin_3 cout_pin_A27 32 2bin_4 20eut_6 28 cin_pout_A28 20eut_6 28 cin_pout_A28 20eut_7 22 cin_pout_A38 Controller 20eu1_8 23 cin_pou1_A31 TI <> National, IDT @ pin 48 TI=VCCbias EPF8820AQC208 National, IDT=nOE1 ABTE16245 2 1_8_1 1_A_1 47 data_A2 2_A_1 45 data_A1 cin_pout_Al 3 2_8_1 2-A-1 44 data-A2 2-A-2 43 data-A3 1-A-3 41 data-A4 2-A-3 48 data-A5 SR42 S338R_RES_828+MF cin_pout_AS 9 2_8_3 data_A5 data_A7 JP11 ________ vechias one Acin_pout_A8 13 1.0.5 cin_pout_A8 14 2.0.5 cin_pout_A8 15 1.8.6 cin_pout_A18 15 2.0.5 ATT SITATES data_A9 data_A18 THE PROPERTY OF THE PROPERTY O 2.A.B 32 data_All ₹ P13 ₹ 18K_RES_CHIP cin_pout_A12 19 1_B_7 LA_7 data_A12 54|56|57|59|59|61|62|63|64|65|66|67|69|79|71|72|73|74|75767779|98|91|92|93|94|95|96|99|99|9||92|93|94|95|97|99|99||98| data_AI3 data_AI4 data_AI5 2_1_8 global DIR-8 -> A to B ABTE18245 : VCC_BIAS ETL18245 : nOE_I 10.33 ABTE16245 Design Idea: 1_A_1 47 data_AIS 2_A_1 45 data_AI7 1_A_2 44 data_AIB 2_A_2 43 data_AI9 1_A_3 41 data_AZS Connection of VCC_BIAS, nDE_I with I/Greserve and Pull-up Resistor. cin_pout_AI7 3 2_B_1 cin_pout_AI8 5 1_B_2 cin_pout_AI8 6 2_B_2 cin_pout_A28 8 1_B_3 H=Lines/loobles=.5//1.4mA=368 Ohm Rpull-up(nOE)=5K6 -wcin_pout_A21 9 2 p 3 2 4 2 48 data_A21 48 VCC_BIAS cin_pout_A24 13 1_B_5 cin_pout_A25 14 2_B_5 cin_pout_A28 16 1_B_6 1_A_5 35 data_A24 2_A_5 35 data_A25 1_A_8 33 data_A26 cin_pout_A27 17 2_B s 2_A_6 32 dete_A27 I_A_7 38 dete_A28 Z_A_7 29 dete_A28 data_A28 data_A29 data_A30 1...4...8 2_A_B data_A31 dir A

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	D950		PAGE 3 of 25
STUDER	MADI / MEMNET BOARI	SC 1.	950.616/621.20

locat global bus bus DIR=8 -> A to B DIR=1 -> B to A







ADDR_DECODER_A

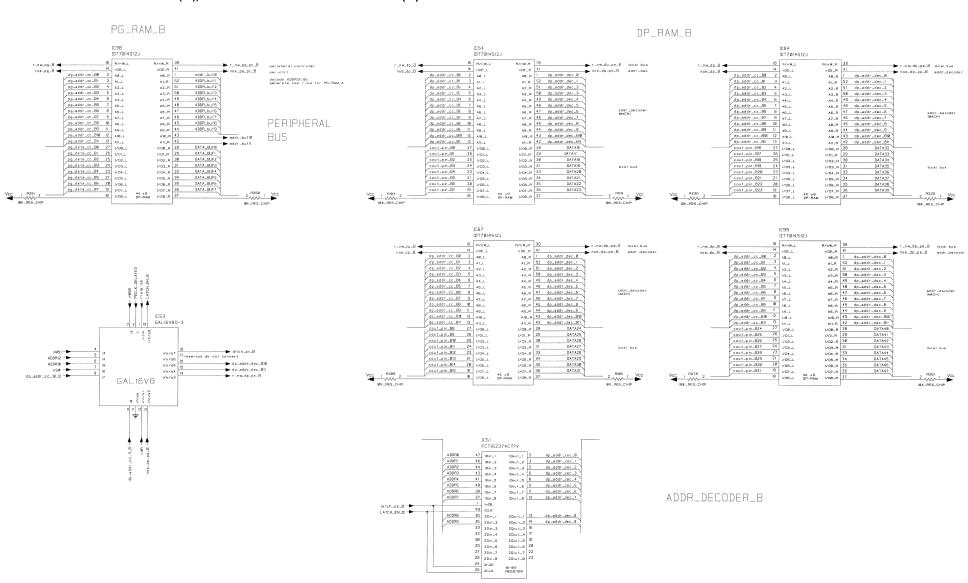
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STUDER	MADI / MEMNET BOARD	SC 1.950.616/621.20

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1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



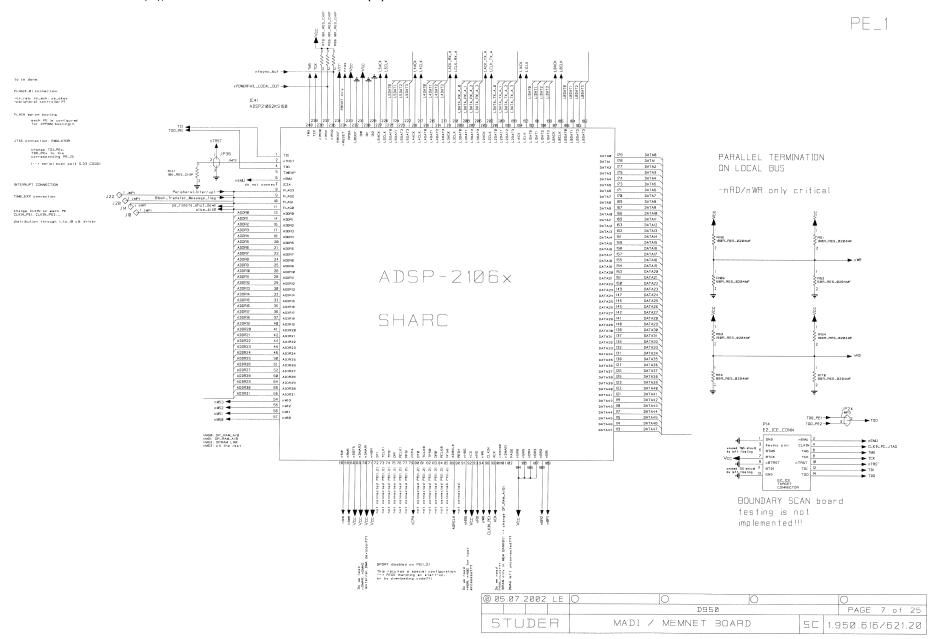
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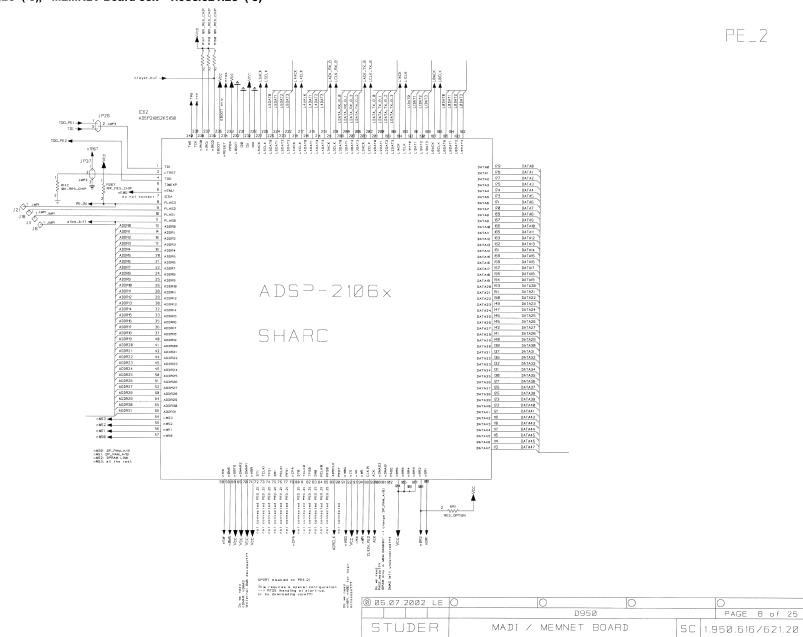
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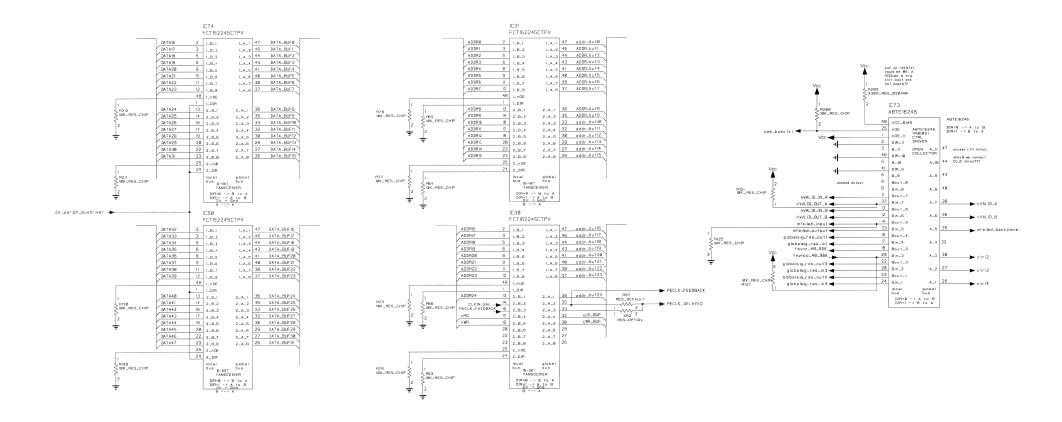
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MADI / MEMNET BOARD

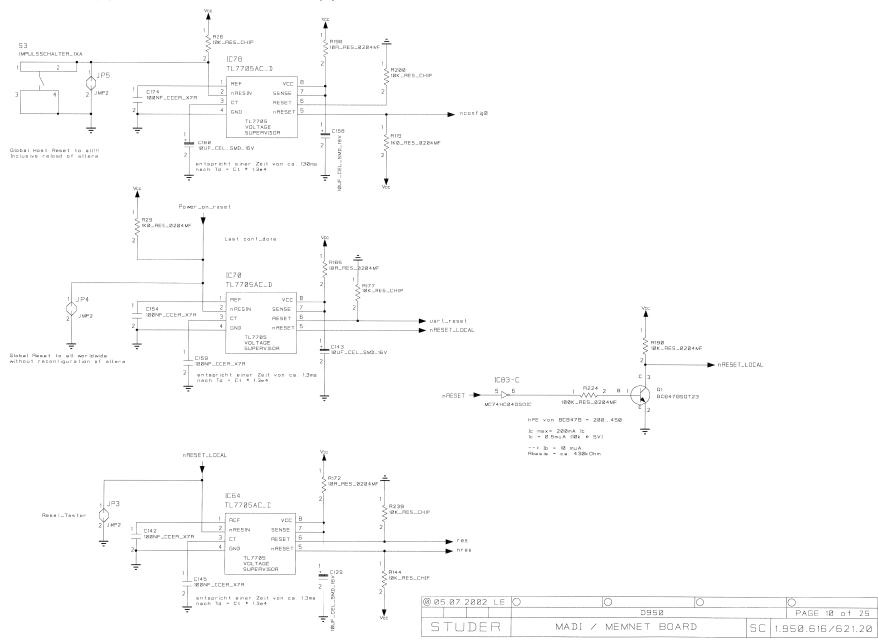


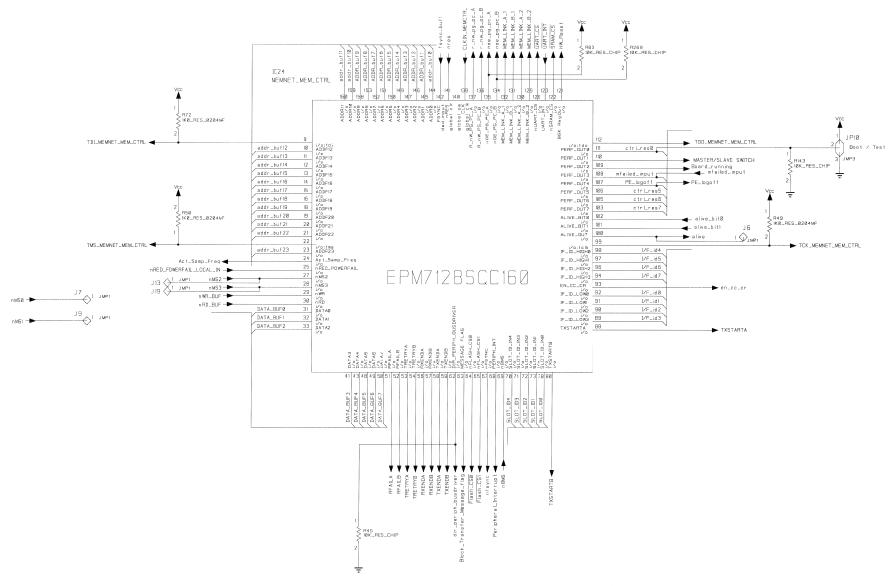






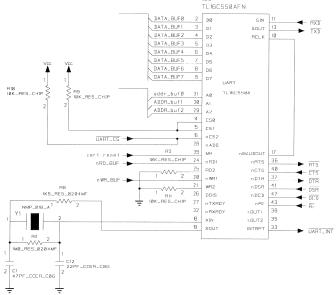
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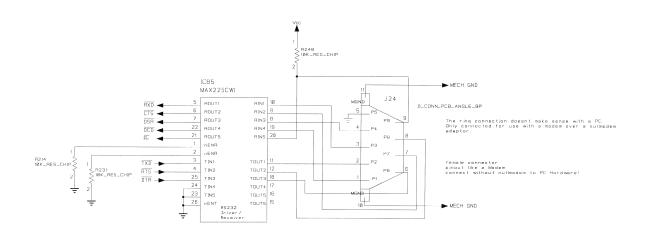




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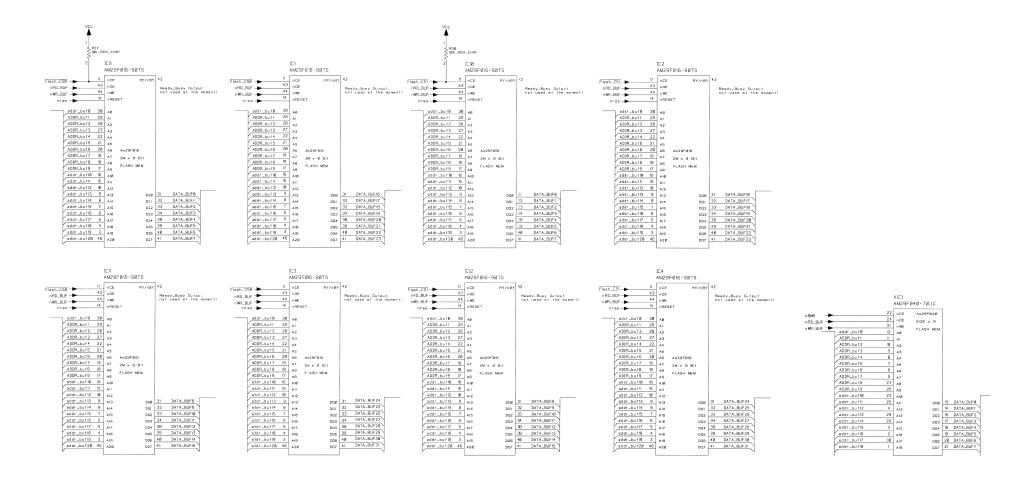




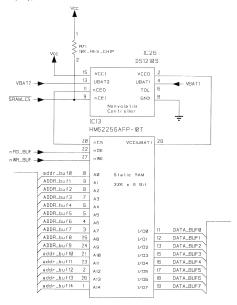


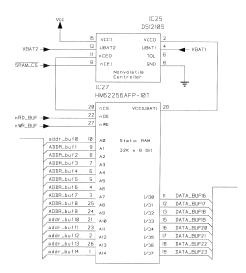
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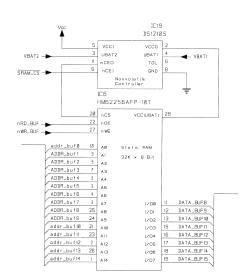


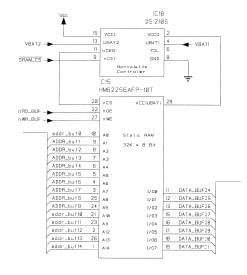


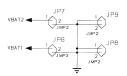
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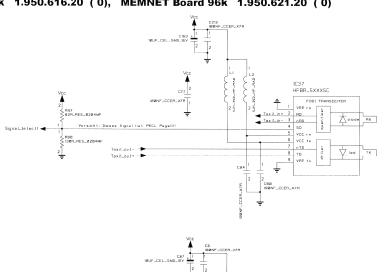


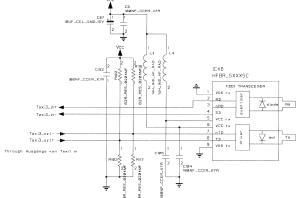


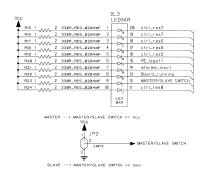


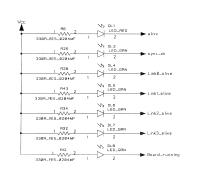


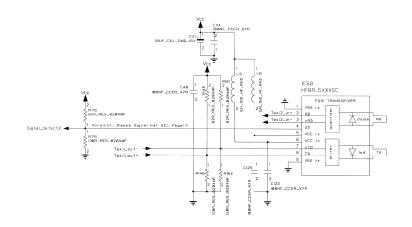
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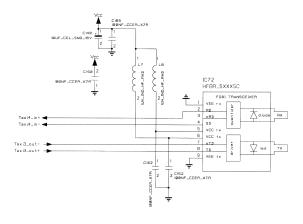


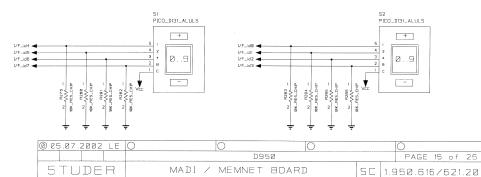


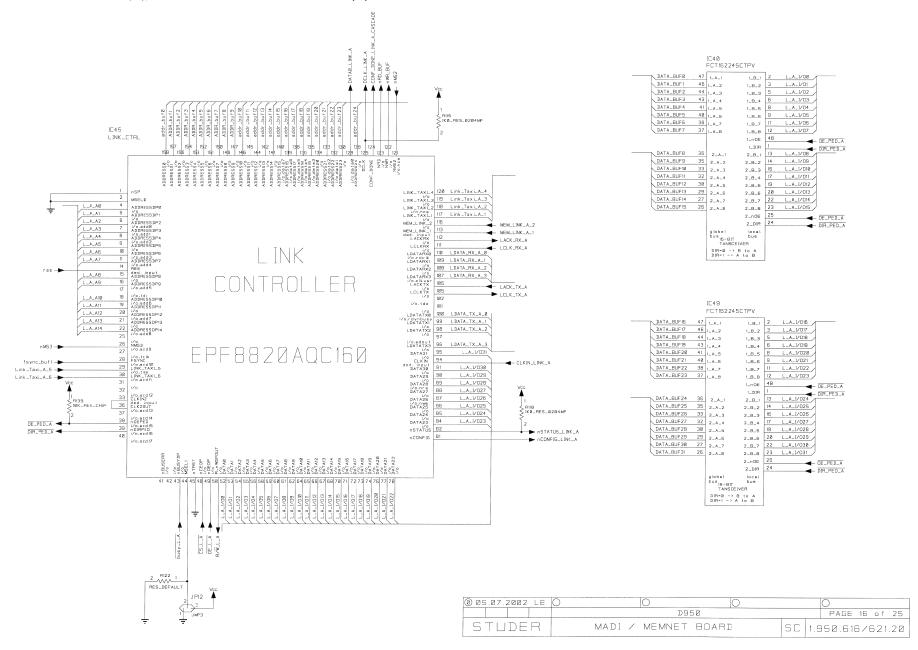


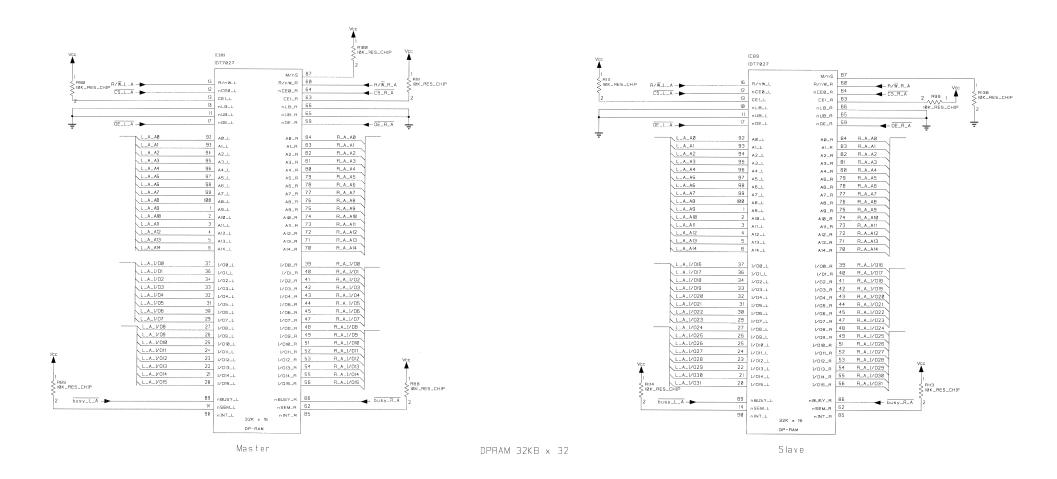






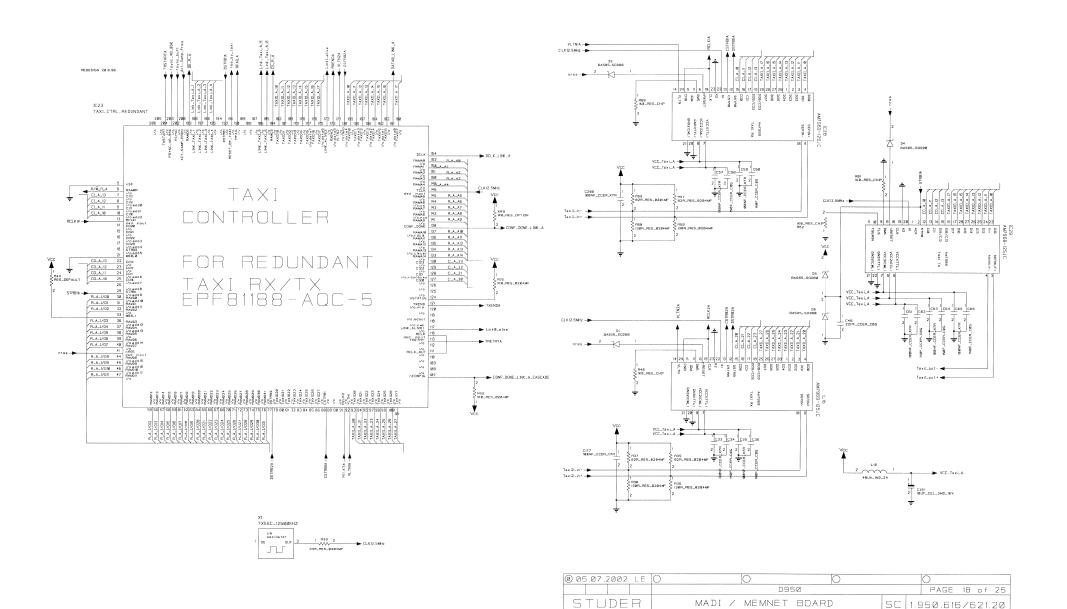


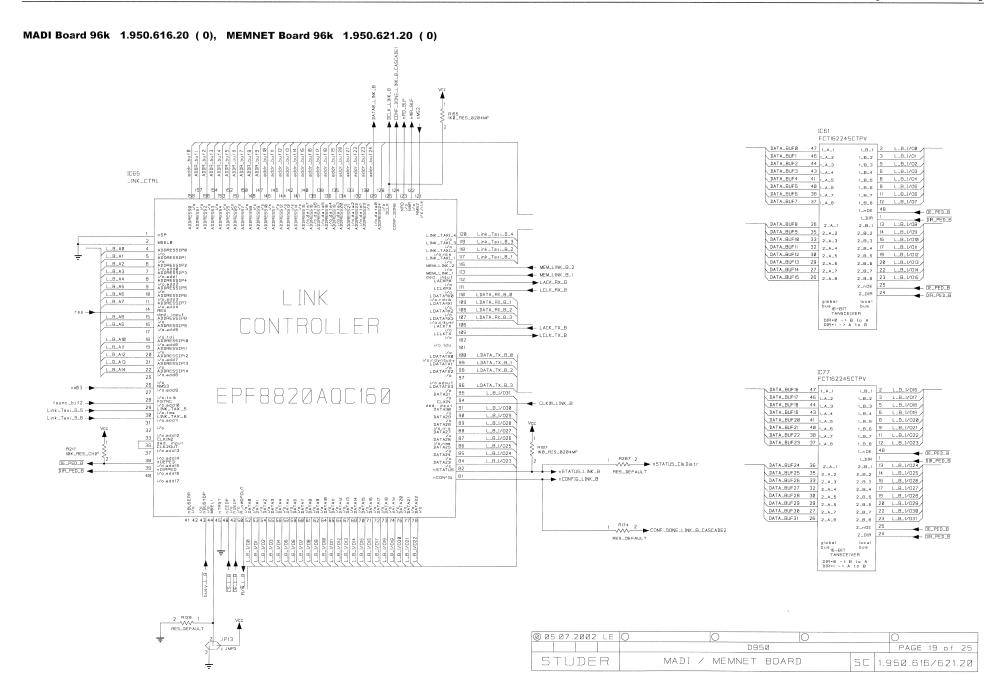


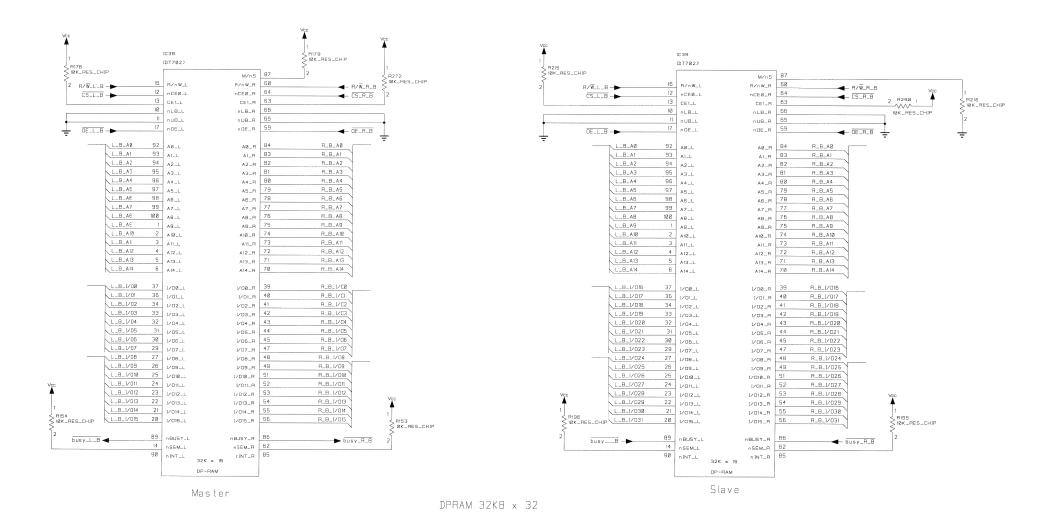


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SC 1.950.616/621.20

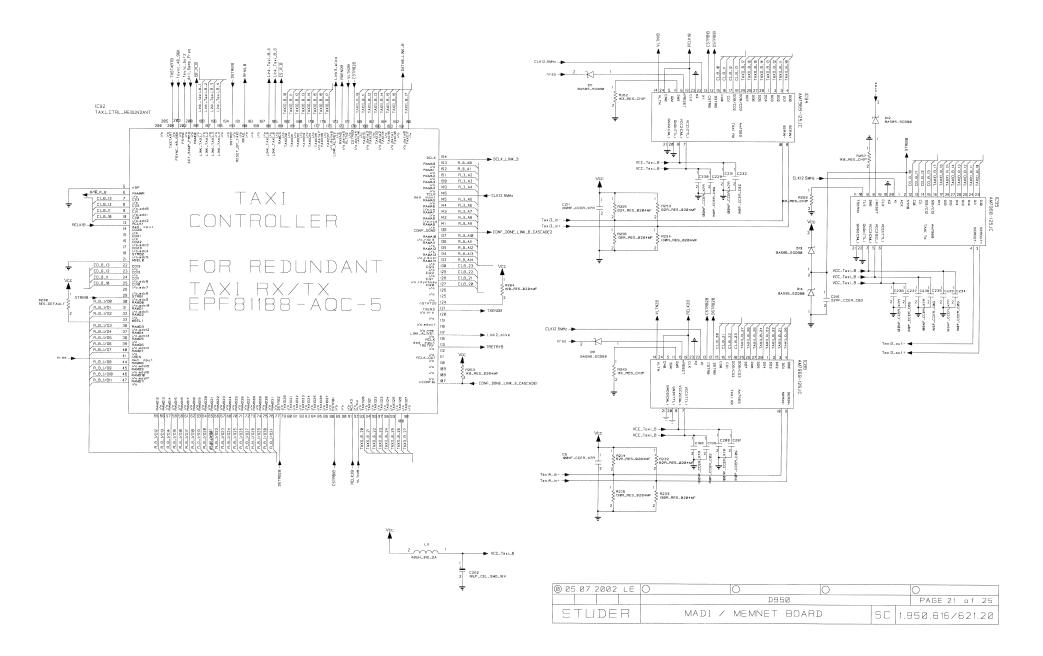


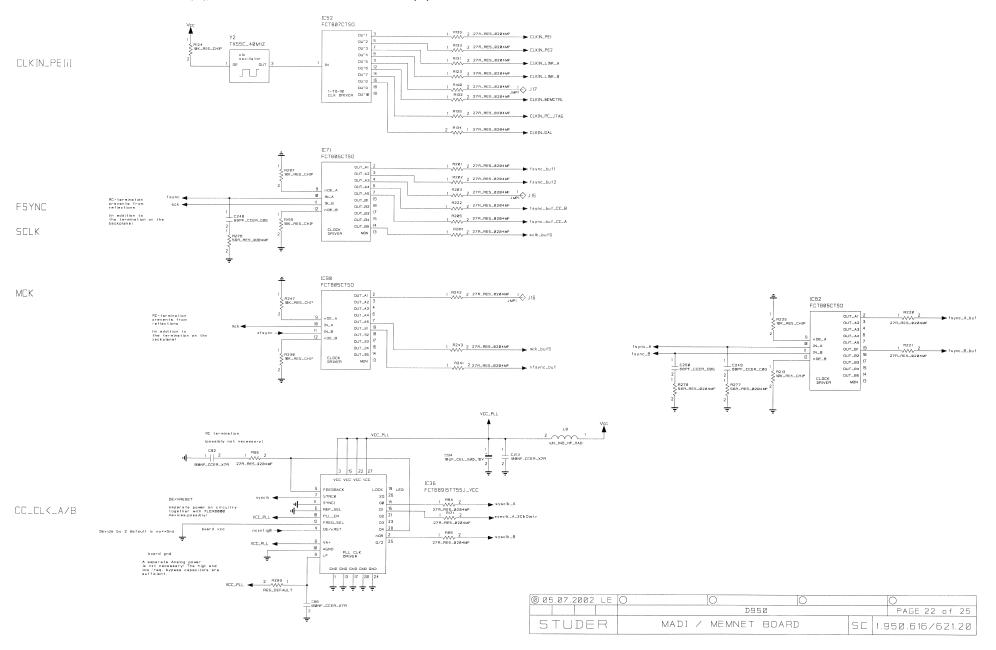




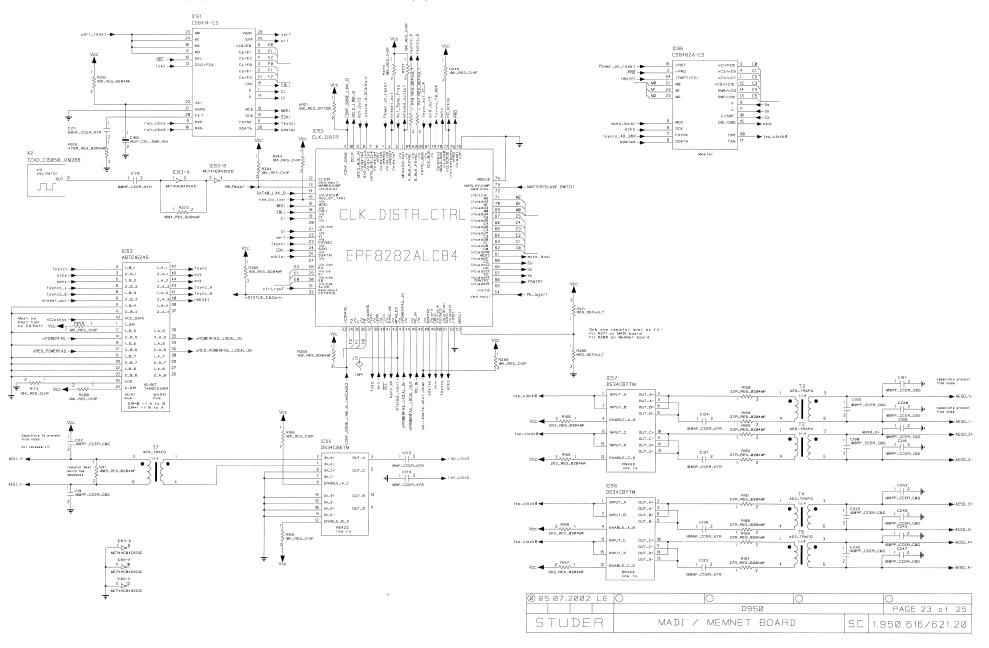
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STUDER MADI / MEMNET BOARD SC 1.950.616/621.20

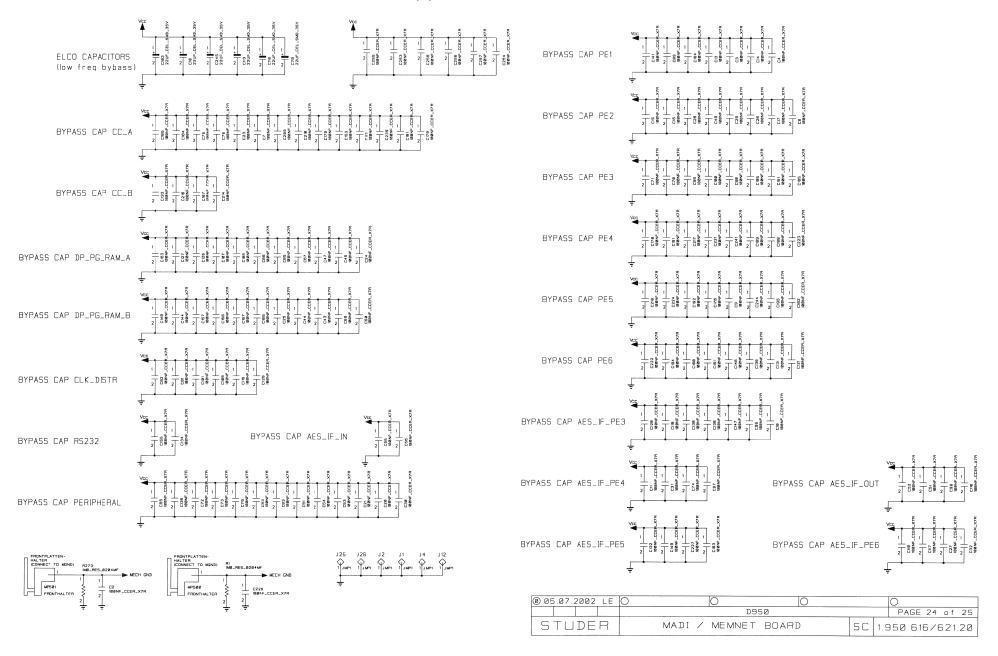




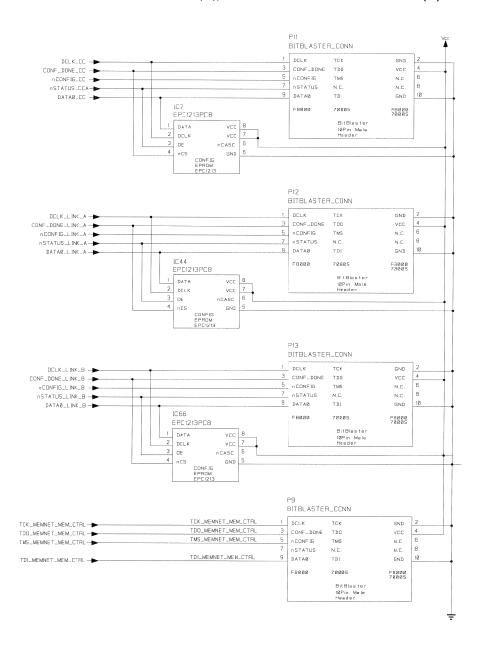
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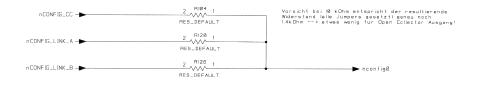


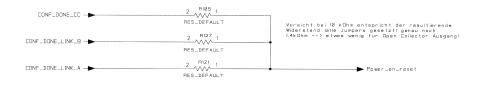
MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



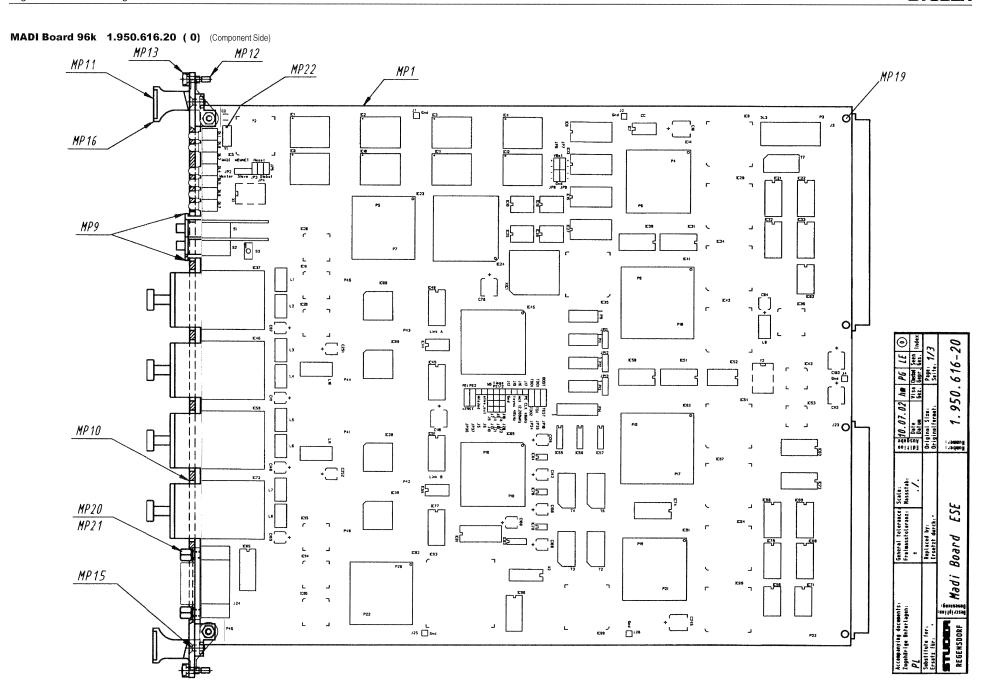
MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)









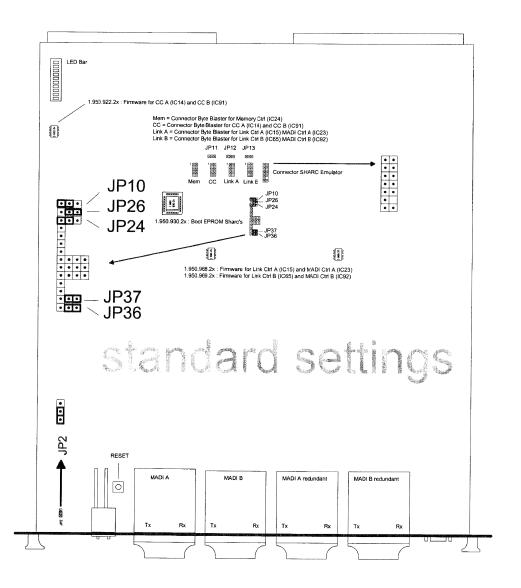


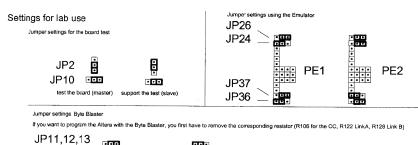
MADI Board 96k 1.950.616.20 (0) (Solder Side)

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Accompanying docum	ents:	Seneral Polerance A Scale.	Scale.	00 50 00 00	ļ.	1		(
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MADI Board 96k 1.950.616.20 (0) (Jumper Setting)





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Rx removed programming by EPC1

Rx removed prgramming over Bit Blaster

Accompanying documents: Zugehörige Unterlagen:	General tolerance: Freimasstoleranz:		ا⊷ ضا	10.07.02	1			
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Page: 1 of 5

0 C1 0 C2 0 C3 0 C4 0 C5 0 C6 0 C7 0 C8 0 C9 0 C10	Part No. Qty. 59.60.2241 59.60.3337 not used not used	Type/Val. 47p 100n 100n 100n	Description CER 50V, 5%, COG, 0603 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	ldx. Pos. 0 C 95 0 C 96 0 C 97	Part No. Qty. 59.60.3337 59.60.3337 59.60.3337	Type/Val. 100n 100n 100n	Description CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C2 0 C3 0 C4 0 C5 0 C6 0 C7 0 C8 0 C9 0 C10	59.60.3337 not used not used not used	100n 100n	CER 50V, 10%, X7R, 0805	0 C 96	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C2 0 C3 0 C4 0 C5 0 C6 0 C7 0 C8 0 C9 0 C10	59.60.3337 not used not used not used	100n 100n	CER 50V, 10%, X7R, 0805				
0 C3 0 C4 0 C5 0 C6 0 C7 0 C8 0 C9 0 C10	not used not used not used	100n		0 C 97	59.60.3337	100n	CFR 50V 10% X7R 0805
0 C4 0 C5 0 C6 0 C7 0 C8 0 C9	not used						
0 C 5 0 C 6 0 C 7 0 C 8 0 C 9 0 C 10	not used		CER 50V, 10%, X7R, 0805	0 C 98	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C7 0 C8 0 C9 0 C10		10,00	CER 50V, 10%, X7R, 0005	0 C 99	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C8 0 C9 0 C10	not used	100n	CER 50V, 10%, X7R, 0805	0 C 100 0 C 101	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 9 0 C 10	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 101	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 10	not used	100n	CER 50V, 10%, X7R, 0805	0 C 103	59.68.0111	22u	EL 35V, 6.3*5.7
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 104	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.68.0111 59.60.3337	22u 100n	EL 35V, 6.3*5.7 CER 50V, 10%, X7R, 0805	0 C 105	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 11 0 C 12	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 C 106	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 12	not used	100n	CER 50V, 10%, X7R, 0805	0 C 107	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 14	not used	100n	CER 50V, 10%, X7R, 0805	0 C 108	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 15	not used	100n	CER 50V, 10%, X7R, 0805	0 C 109	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 16	not used	100n	CER 50V, 10%, X7R, 0805	0 C 110	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 17	not used	100n	CER 50V, 10%, X7R, 0805	0 C 111 0 C 112	59.68.0065 59.60.3337	10u 100n	EL 16V, 4.0*5.7 CER 50V, 10%, X7R, 0805
0 C 18	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 112	59.68.0111	22u	EL 35V, 6.3*5.7
0 C 19	not used	100p	CER 50V, 5%, C0G, 0603	0 C 114	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 20	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 115	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 21 0 C 22	59.60.3337	100n 100p	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0603	0 C 116	59.68.0111	22u	EL 35V, 6.3*5.7
0 C 22	not used 59.60.3337	100p	CER 50V, 5%, C0G, 0003	0 C 117	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 118	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 119	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 26	not used	100n	CER 50V, 10%, X7R, 0805	0 C 120	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 27	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 121	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 28	not used	100n	CER 50V, 10%, X7R, 0805	0 C 122	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 29	not used	100n	CER 50V, 10%, X7R, 0805	0 C 123	not used	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 124 0 C 125	not used 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805
0 C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 126	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 32	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 127	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 33	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 128	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 34 0 C 35	59.60.2373 59.60.3337	1n0 100n	CER 50V, 5%, C0G, 0805 CER 50V, 10%, X7R, 0805	0 C 129	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 35 0 C 36	59.60.2373	1n0	CER 50V, 10%, X/K, 0805	0 C 130	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 131	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 132	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 45	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 133	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 46	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 C 134	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 47	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 135 0 C 136	59.60.3337 not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 48	not used	100n	CER 50V, 10%, X7R, 0805	0 C 137	not used	100n	CER 50V, 10%, X7R, 0805
0 C 49	not used	100n	CER 50V, 10%, X7R, 0805	0 C 138	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 50	not used	100n	CER 50V, 10%, X7R, 0805	0 C 139	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 51 0 C 52	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 140	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 52	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 141	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 54	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 142	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 55	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 143	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 56	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 144 0 C 145	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
0 C 57	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 146	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 58	59.60.2373	1n0	CER 50V, 5%, COG, 0805	0 C 147	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 59 0 C 60	59.60.3337	100n 1n0	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0805	0 C 148	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 60	59.60.2373 59.60.3337	100n	CER 50V, 5%, C0G, 0805	0 C 149	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 62	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 C 150	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 63	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 151	59,60,3337	100n	CER 50V, 10%, X7R, 0805
0 C 64	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 C 152	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 65	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 153 0 C 154	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
0 C 66	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 C 155	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 67	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 156	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 69 0 C 70	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 157	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C70	59.60.3337	100n	CER 50V, 10%, X/R, 0805	0 C 158	59.68.0065	10u	EL 16V, 4.0*5.7
0 C72	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 159	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 73	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 160	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 74	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 161	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 75	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 162	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 76	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 163 0 C 164	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805
0 C 77	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 165	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 78	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 166	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 79 0 C 80	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 167	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 80	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 168	not used	10u	EL 16V, 4.0*5.7
0 C 82	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 169	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 83	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 170	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 84	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 171	not used	68n	CER 50V, 10%, X7R, 0805
0 C 85	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 172 0 C 173	not used	10n 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 86	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 174	not used 59.60.3337	10n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805
	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 174	59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805
0 C 87	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 176	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 87 0 C 88		100n	CER 50V, 10%, X7R, 0805				
0 C 87 0 C 88 0 C 89	59.60.3337 59.60.3337			0 C 177	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 87 0 C 88 0 C 89 0 C 90	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 177 0 C 178	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 87 0 C 88 0 C 89				0 C 178 0 C 179	59,60,3337 not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 87 0 C 88 0 C 89 0 C 90 0 C 91	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 178	59.60.3337	100n	CER 50V, 10%, X7R, 0805



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Idx. Pos. 0 C 182 0 C 183 0 C 184 0 C 185 0 C 186 0 C 187 0 C 188 0 C 189 0 C 190 0 C 191 0 C 192 0 C 193	Part No. Qty 59.60.3337 59.60.3337 59.60.3337 59.60.3337 59.60.3337	Type/Val. 100n 100n 100n 100n 100n	Description CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DL 8 0 IC 1 0 IC 2	Part No. Qty 50.04.2751 not used not used	grn 29F016 29F016	Description LED mit Halter Flash Memory 2M*8 Flash Memory 2M*8
O C 183 O C 184 O C 185 O C 186 O C 187 O C 188 O C 189 O C 190 O C 191	59.60.3337 59.60.3337 59.60.3337 59.60.3337	100n 100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 1 0 IC 2	not used not used	29F016	Flash Memory 2M*8
O C 184 O C 185 O C 186 O C 187 O C 188 O C 189 O C 190 O C 191 O C 192	59.60.3337 59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	0 IC 2	not used		*
0 C 185 0 C 186 0 C 187 0 C 188 0 C 189 0 C 190 0 C 191 0 C 192	59.60.3337 59.60.3337	100n				29F016	Flash Memory 2M*8
0 C 186 0 C 187 0 C 188 0 C 189 0 C 190 0 C 191 0 C 192	59.60.3337		CER 50V, 10%, X7R, 0805	0 10 2			
0 C 187 0 C 188 0 C 189 0 C 190 0 C 191 0 C 192		100e		0 IC 3	not used	29F016	Flash Memory 2M*8
0 C 188 0 C 189 0 C 190 0 C 191 0 C 192	59.60.3337		CER 50V, 10%, X7R, 0805	0 IC 4	not used	29F016	Flash Memory 2M*8
0 C 189 0 C 190 0 C 191 0 C 192		100n	CER 50V, 10%, X7R, 0805	0 IC 5	50.63.0203	TL16C550	UART
0 C 190 0 C 191 0 C 192	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 6	not used	62256	SRAM 32K*8, 100ns
0 C 191 0 C 192	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 7	1.950.922.22	1077044	SW 605/615 CC (50.63.4298)
0 C 192	not used	100p	CER 50V, 5%, C0G, 0603	0 IC8	50.63.1506	IDT7014	Dualport SRAM, 4K*9
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 9	not used	29F016	Flash Memory 2M*8
	59.60.3337	100n 100p	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0603	0 IC 10 0 IC 11	not used not used	29F016 29F016	Flash Memory 2M*8 Flash Memory 2M*8
0 C 194	not used 59.60.3337	100p	CER 50V, 5%, COG, 0003	0 IC 12	not used	29F016	Flash Memory 2M*8
0 C 195	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 13	not used	62256	SRAM 32K*8, 100ns
0 C 196	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 14	50.63.4207	EPF8820R	EPLD 8000 QFP208
0 C 197	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 15	not used	62256	SRAM 32K*8, 100ns
0 C 198	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 16	50.63.0205	AM7969	TAXI Chip Receiver
0 C 199	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 IC 18	not used	DS1210	Backup-Battery Manager
0 C 200	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 19	not used	DS1210	Backup-Battery Manager
0 C 201	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 IC 20	50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 C 208	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 21	50.62.6974	74FCT162374	16bit Bus Latches
0 C 209	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 22	50.62.6745	74ABTE16245	16bit Bus-Driver
0 C 210	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 23	50.63.4208	EPF81188	EPLD 12000 QFP208
0 C 211	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 24	1.950.967.20		SW 616 MEMCTRL (50.63.4206)
0 C 212	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 25	not used	DS1210	Backup-Battery Manager
0 C 213	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 26	not used	DS1210	Backup-Battery Manager
0 C 214	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 27	not used	62256	SRAM 32K*8, 100ns
0 C 215	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 IC 28	50.63.0205	AM7969	TAXI Chip Receiver
0 C 216	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 29	50.63.0204	AM7968	TAXI Chip Transmitter
0 C 217	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 30	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 218	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 31	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 219	not used	100p	CER 50V, 5%, COG, 0603	0 IC 32 0 IC 33	50.62.6974	74FCT162374 74ABTE16245	16bit Bus Latches
0 C 220 0 C 221	not used 59.60.3337	100p 100n	CER 50V, 5%, C0G, 0603 CER 50V, 10%, X7R, 0805	0 IC 33 0 IC 34	50.62.6745 50.63.1506	IDT7014	16bit Bus-Driver Dualport SRAM, 4K*9
0 C 221	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 35	50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 C 222	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 36	50.62.6915	74FCT88915	Clock-Driver
0 C 224	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 37	89.10.0021	HFBR5103	LWL Transceiver FDDI/MADI
0 C 225	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 38	50.63.1704	CY7C027	Dualport RAM, 32K*16
0 C 226	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 39	50.63.1704	CY7C027	Dualport RAM, 32K*16
0 C 227	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 40	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 228	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 41	50.63.0408	ADSP21062	32bit DSP
0 C 229	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 IC 42	50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 C 230	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 43	1.950.920.20		SW 605/10/1 GAL A (50.63.3002)
0 C 231	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 44	1.950.968.20		SW 616 LINK A (50.63.4298)
0 C 232	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 IC 45	50.63.4209	EPF8820Q	EPLD 8000 QFP160
0 C 233	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 46	89.10.0021	HFBR5103	LWL Transceiver FDDI/MADI
0 C 234	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 IC 49	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 235	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 IC 50	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 236	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 51	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 237	59.60.2373	1n0	CER 50V, 5%, COG, 0805	0 IC 52	50.62.6907	74FCT807	Share Clock-Driver
0 C 238	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 53	1.950.921.20	IDT7014	SW 605/615 GAL B (50.63.3002)
0 C 239 0 C 241	59.60.3337 59.60.3337	100n 100n		0 IC 54 0 IC 55	50.63.1506 not used	IDT7014 DS34C86	Dualport SRAM, 4K*9 4*RS 422 Line Receiver
0 C 241	not used	100n	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0603	0 IC 55	not used	DS34C87	4*RS 422 Line Receiver
0 C 242	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 57	not used	DS34C87	4*RS 422 Line Driver
0 C 244	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 10 58	89.10.0021	HFBR5103	LWL Transceiver FDDI/MADI
0 C 245	59.68.0111	22u	EL 35V, 6.3*5.7	0 IC 61	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 246	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 62	50.63.0408	ADSP21062	32bit DSP
0 C 247	not used	100p	CER 50V, 5%, C0G, 0603	0 IC 63	not used	74ABTE16245	16bit Bus-Driver
0 C 248	not used	68p	CER 50V, 5%, C0G, 0603	0 IC 64	50.63.2001	7705B	Reset Generator
0 C 249	not used	68p	CER 50V, 5%, C0G, 0603	0 IC 65	50.63.4209	EPF8820Q	EPLD 8000 QFP160
0 C 250	not used	68p	CER 50V, 5%, C0G, 0603	0 IC 66	1.950.969.20		SW 616 LINK B (50.63.4298)
0 C 251	59,68.0065	10u	EL 16V, 4.0*5.7	0 IC 67	50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 C 252	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 68	50.62.6974	74FCT162374	16bit Bus Latches
0 C 253	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 69	50.62.6745	74ABTE16245	16bit Bus-Driver
0 C 254 0 C 255	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 70 0 IC 71	50.63.2001	7705B	Reset Generator Dual Clock-Driver
0 C 255 0 C 256	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 71	50.62.6905 89.10.0021	49FCT805 HFBR5103	LWL Transceiver FDDI/MADI
0 C 257	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 73	50.62.6746	74ABTE16246	16bit Bus-Driver o.c.
0 C 258	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 74	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 D1	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 77	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 D3	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 78	50.63.2001	7705B	Reset Generator
0 D4	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 79	50.62.6974	74FCT162374	16bit Bus Latches
0 D5	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 80	50.62.6745	74ABTE16245	16bit Bus-Driver
0 D6	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 81	not used	CS8414	Digital Audio Receiver 96kHz
0 D9	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 82	50.62.6905	49FCT805	Dual Clock-Driver
0 D11	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 83	50.62.1004	74HC 04	Hex inverter
0 0 40	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 84	50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 D12	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 85	50.62.0462	MAX 225	5*RS 232 Driver/Receiver
0 D13	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 86	50.63.0205	AM7969	TAXI Chip Receiver
0 D13 0 D14		red	LED mit Halter	0 IC 88	50.63.1704	CY7C027	Dualport RAM, 32K*16
0 D 13 0 D 14 0 DL 1	50.04.2750	ar-					
0 D 13 0 D 14 0 DL 1 0 DL 2	not used	grn 10*arn	LED Rargraph 10*graph	0 IC 89	50.63.1704	CY7C027	Dualport RAM, 32K*16
0 D 13 0 D 14 0 DL 1 0 DL 2 0 DL 3	not used 50.04.2811	10*grn	LED-Bargraph 10*green	0 IC 90	50.62.6905	49FCT805	Dual Clock-Driver
0 D 13 0 D 14 0 DL 1 0 DL 2 0 DL 3 0 DL 4	not used 50.04.2811 50.04.2751	10*grn grn	LED-Bargraph 10*green LED mit Halter	0 IC 90 0 IC 91	50.62.6905 50.63.4207	49FCT805 EPF8820R	Dual Clock-Driver EPLD 8000 QFP208
0 D 13 0 D 14 0 DL 1 0 DL 2 0 DL 3 0 DL 4	not used 50.04.2811	10*grn	LED-Bargraph 10*green	0 IC 90	50.62.6905	49FCT805	Dual Clock-Driver



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		- IL	13301010120 (0)				raye. 3 01
dx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty	. Type/Val.	Description
0 IC 95	50.63.0204	AM7968	TAXI Chip Transmitter	0 Q1	50.60.0001	BC847B	NPN 45V 100mA SOT 23
0 IC 96	not used	CS8402A	Dig audio interface transmitt	0 R1	57.60.1105	1M	MF, 1%, 0204, E24
0 IC 98	50.63.1506	IDT7014	Dualport SRAM, 4K*9	0 R 2	57.60.1105	1M	MF, 1%, 0204, E24
0 IC 99	50.63.1506	IDT7014	Dualport SRAM, 4K*9	0 R3	57.69.1097	10k	CF 5% 0603
0 J1	not used 1 pce	1p	Pin, 1reihig, gerade	0 R4	57.60.1102	1k0	MF, 1%, 0204, E24
0 J2	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 5	57.60.1102	1k0	MF, 1%, 0204, E24
0 J3	54.11.2009 1 pce	96p	EU-R 3*32p	0 R6	57.60.1331	330R	MF, 1%, 0204, E24
0 J4	not used 1 pce	1p	Pin, 1reihig, gerade	0 R7	57.69.1097	10k	CF 5% 0603
0 J5	not used 1 pce	1p	Pin, 1reihig, gerade	0 R8 0 R9	57.60.1152 57.69.1097	1 k5 10k	MF, 1%, 0204, E24 CF 5% 0603
0 J6 0 J7	not used 1 pce not used 1 pce	1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade	0 R 10	57.69.1097 57.69.1097	10k	CF 5% 0603
0 J8	not used 1 pce	1p	Pin, 1reinig, gerade	0 R 11	57.69.1097	10k	CF 5% 0603
0 J9	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 12	57.60.1331	330R	MF, 1%, 0204, E24
0 J 10	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 13	57.69.1097	10k	CF 5% 0603
0 J11	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 14	57.69.1097	10k	CF 5% 0603
0 J 12	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 15	57.60.1331	330R	MF, 1%, 0204, E24
0 J 13	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 16	57.60.1331	330R	MF, 1%, 0204, E24
0 J 14	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 17	57.60.1331	330R	MF, 1%, 0204, E24
0 J15	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 18	57.60.1331	330R	MF, 1%, 0204, E24
0 J16	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 19	57.60.1331	330R	MF, 1%, 0204, E24
0 J 17	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 20	57.60.1331	330R	MF, 1%, 0204, E24
0 J18	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 21 0 R 22	not used 57.60.1331	330R 330R	MF, 1%, 0204, E24
0 J 19 0 J 20	not used 1 pce not used 1 pce	2*3p 1p	Pin 0.63*0.63, RM2.54 Pin, 1reihig, gerade	0 R 23	57.60.1331	330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 J21	not used 1 pce		Pin, 1reinig, gerade	0 R 24	57.60.1331	330R	MF, 1%, 0204, E24
0 J21 0 J22	not used 1 pce	1p 1p	Pin, freinig, gerade	0 R 25	57.60.1331	330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 J23	54.11.2009 1 pce	96p	EU-R 3*32p	0 R 26	57.69.1097	10k	CF 5% 0603
0 J 24	54.13.0071 1 pce	9p	D-Sub, PCB, Winkel	0 R 27	57.69.1097	10k	CF 5% 0603
0 J 25	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 28	57.60.1331	330R	MF, 1%, 0204, E24
0 J 26	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 29	57.60.1102	1k0	MF, 1%, 0204, E24
0 J 30	54.01.0021 6 pcs	Jumper	0.63*0.63mm, Au	0 R 30	57.69.1097	10k	CF 5% 0603
0 JP 2	54.01.0020 3 pcs	1p	Pin, 1reihig, gerade	0 R 31	not used	100R	MF, 1%, 0204, E24
0 JP 3	not used 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 32	57.60.1331	330R	MF, 1%, 0204, E24
0 JP 4	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 33	57.60.1330	33R	MF, 1%, 0204, E24
0 JP 5	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 34	57.60.1331	330R	MF, 1%, 0204, E24
0 JP 6	not used 2 pcs	1p	Pin, 1reihig, gerade	0 R 35	57.60.1820	82R	MF, 1%, 0204, E24
0 JP7	not used 2 pcs	1p	Pin, 1reihig, gerade	0 R 36	57.60.1131	130R	MF, 1%, 0204, E24
0 JP 8	not used 2 pcs	1p	Pin, 1reihig, gerade	0 R 37 0 R 38	57.60.1820	82R 130R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 JP 9 0 JP 10	not used 2 pcs 54.11.0136 1 pce	1p 2*3p	Pin, 1reihig, gerade Pin 0.63*0.63, RM2.54	0 R 38 0 R 41	57.60.1131 57.69.1097	130K	OF 5% 0603
0 JP 10	not used 3 pcs	1p	Pin, 1reihig, gerade	0 R 42	57.60.1331	330R	MF, 1%, 0204, E24
0 JP 12	not used 3 pcs	1p	Pin, 1reihig, gerade	0 R 43	57.60.1331	330R	MF, 1%, 0204, E24
0 JP 13	not used 3 pcs	1p	Pin, 1reihig, gerade	0 R 44	57.60.1109	1R	MF, 1%, 0204, E24
0 JP 24	54.01.0020 3 pce	1p	Pin, 1reihig, gerade	0 R 45	57.69.1097	10k	CF 5% 0603
0 JP 26	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 46	57.69.1073	1k0	CF 5% 0603
0 JP 36	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 47	57.60.1109	1R	MF, 1%, 0204, E24
0 JP 37	not used 1 pce	1p	Pin, 1reihig, gerade	0 R 48	57.60.1109	1R	MF, 1%, 0204, E24
0 L1	62.02.3109	1uH	20%, radial RM 5	0 R 49	57.60.1102	1k0	MF, 1%, 0204, E24
0 L2	62.02.3109	1uH	20%, radial RM 5	0 R 50	57.60.1102	1k0	MF, 1%, 0204, E24
0 L3	62.02.3109	1uH	20%, radial RM 5	0 R 51	57.60.1181	180R	MF, 1%, 0204, E24
0 L4 0 L5	62.02.3109 62.02.3109	1uH 1uH	20%, radial RM 5 20%, radial RM 5	0 R 52 0 R 53	57.60.1680 57.60.1181	68R 180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 L6	62.02.3109	1uH	20%, radial RM 5	0 R 54	57.60.1680	68R	MF, 1%, 0204, E24
0 L7	62.02.3109	1uH	20%, radial RM 5	0 R 55	57.69.1097	10k	CF 5% 0603
0 L8	62.02.3109	1uH	20%, radial RM 5	0 R 56	57.69.1097	10k	CF 5% 0603
0 L9	62.02.3109	1uH	20%, radial RM 5	0 R 57	57.60.1820	82R	MF, 1%, 0204, E24
0 L10	62.03.0010	48uH	2A Toroid Chocke	0 R 58	57.60.1131	130R	MF, 1%, 0204, E24
0 L11	62.03.0010	48uH	2A Toroid Chocke	0 R 59	57.60.1820	82R	MF, 1%, 0204, E24
0 MP1	1.950.615.13 1 pce		MADIMEMNET PCB	0 R 60	57.60.1131	130R	MF, 1%, 0204, E24
0 MP 2	1.950.615.04 1 pce		TYPENSCHILD	0 R 61	57.69.1073	1k0	CF 5% 0603
0 MP3	43.01.0108 1 pce	Label	ESE-WARNSCHILD TEXT-ETIK. 5*20 HARDWARE -20	0 R 62	57.69.1073 57.69.1097	1k0	CF 5% 0603
0 MP4 0 MP5	1.101.001.20 1 pce not used 2 pcs	Label M2.5*12	Z - Schraube Zn gb chr	0 R 63 0 R 64	57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603
0 MP6	not used 2 pcs	2.7/5.0	Rippenscheibe	0 R 65	57.69.1097	10k	CF 5% 0603
0 MP7	not used 2 pcs	M2.5	6kt-Mutter 0.8d St gb	0 R 66	57.69.1097	10k	CF 5% 0603
0 MP8	not used 1 pce		VERBINDUNGSKABEL	0 R 67	57.60.1109	1R	MF, 1%, 0204, E24
0 MP9	55.12.1122 1 pce		Seitenwand	0 R 68	57.69.1073	1k0	CF 5% 0603
0 MP 10	1.950.615.05 1 pce		Frontplatte MADI	0 R 69	57.60.1102	1k0	MF, 1%, 0204, E24
0 MP 11	1.940.600.05 2 pcs		GRIFFEINLAGE 4TE	0 R 70	57.60.1102	1k0	MF, 1%, 0204, E24
0 MP 12	49.02.0524 2 pcs	M2.5*12	Schraube spezial	0 R 71	57.69.1097	10k	CF 5% 0603
0 MP 13	49.02.0521 2 pcs	4.000	Metall-Buchse (Rack)	0 R 72	57.60.1102	1k0	MF, 1%, 0204, E24
0 MP14	not used 2 pcs	1.8*5 M2.5*7	Lötspirale Cu Sn	0 R 73	57.69.1097 57.69.1097	10k	CF 5% 0603
0 MP15 0 MP16	49.02.0523 2 pcs 49.02.0514 1 pce	M2.5*7 4TE	Senk-Schr, KS, Senkripp Frontplatten-Griffsatz	0 R 74 0 R 75	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603
0 MP 16	not used 1 pce		BATTERIEHALTER	0 R 76	57.69.1097	10k	CF 5% 0603
0 MP 18	not used 1 pce	3.6V	Lithium-Batterie, 750mAh	0 R77	57.69.1097	10k	CF 5% 0603
0 MP 19	28.99.0119 4 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 78	57.69.1097	10k	CF 5% 0603
0 MP 20	54.13.0081 2 pcs	4.85mm	Bolzen UNC 4-40	0 R 79	57.69.1097	10k	CF 5% 0603
	24.16.2030 2 pcs	3.2/6.0	Fächerscheibe Form A	0 R 80	57.69.1097	10k	CF 5% 0603
0 MP 21	89.01.1499 1 pce		QUARZ - ISOLIERPLATTE	0 R 83	57.69.1097	10k	CF 5% 0603
0 MP 22	not used 2 pcs	2.5*92	Kabelbinder	0 R 84	57.69.1097	10k	CF 5% 0603
0 MP 22 0 MP 23			BAUGRUPPENSCHILD 10X80	0 R 85	57.69.1097	10k	CF 5% 0603
0 MP 22 0 MP 23 0 MP 24	1.950.615.10 1 pce						
0 MP 22 0 MP 23 0 MP 24 0 P 9	1.950.615.10 1 pce 54.01.0020 10 pce	1p	Pin, 1reihig, gerade	0 R 86	57.69.1097	10k	CF 5% 0603
0 MP 22 0 MP 23 0 MP 24 0 P 9 0 P 11	1.950.615.10 1 pce 54.01.0020 10 pce not used 10 pcs	1p	Pin, 1reihig, gerade Pin, 1reihig, gerade	0 R 86 0 R 87	57.69.1097	10k	CF 5% 0603
0 MP 22 0 MP 23 0 MP 24 0 P 9	1.950.615.10 1 pce 54.01.0020 10 pce		Pin, 1reihig, gerade	0 R 86			



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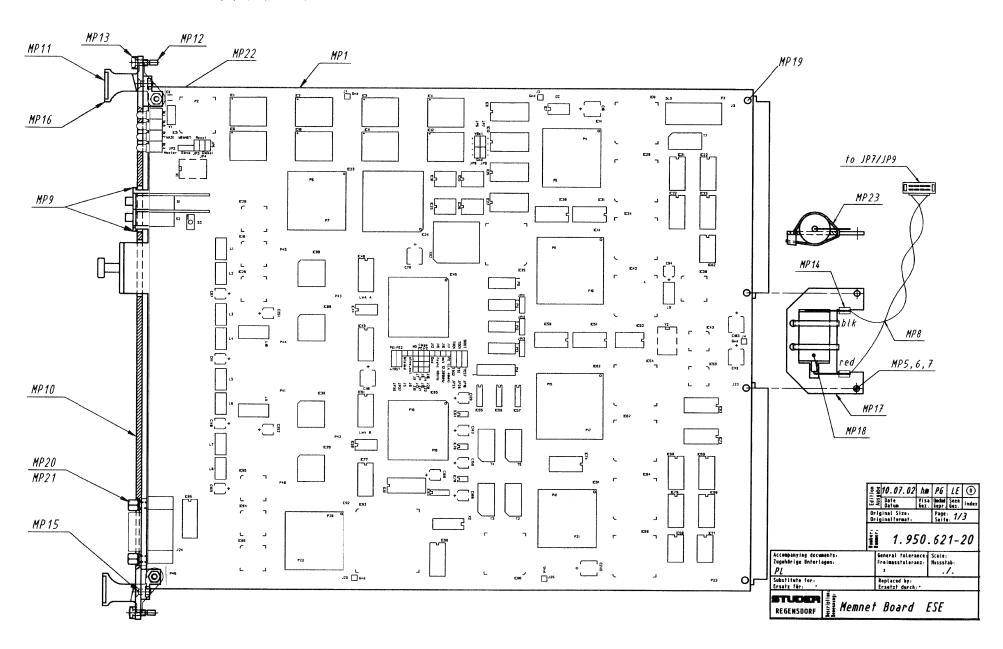
			13001010120 (,			raye. 4 or
ldx. Pos.	Part No. Qty	/. Type/Val.	Description	ldx. Pos.	Part No. Qty	r. Type/Val.	Description
0 R 91	57.69.1097	10k	CF 5% 0603	0 R 181	not used	22R	MF, 1%, 0204, E24
0 R 94	57.60.1270	27R	MF, 1%, 0204, E24	0 R 182	not used	27R	MF, 1%, 0204, E24
0 R 95	57.60.1270	27R	MF, 1%, 0204, E24	0 R 183	not used	22R	MF, 1%, 0204, E24
0 R 96	57.60.1270	27R	MF, 1%, 0204, E24	0 R 184	57.60.1181	180R	MF, 1%, 0204, E24
0 R 97	57.60.1820	82R	MF, 1%, 0204, E24	0 R 185	57.60.1100	10R	MF, 1%, 0204, E24
0 R 98	57.60.1131	130R	MF, 1%, 0204, E24	0 R 186	57.69.1097	10k	CF 5% 0603
0 R 99	57.69.1097	10k	CF 5% 0603	0 R 187	57.60.1331	330R	MF, 1%, 0204, E24
0 R 100	57.69.1097	10k	CF 5% 0603	0 R 190	57.60.1103	10k	MF, 1%, 0204, E24
0 R 101	57.69.1097	10k	CF 5% 0603	0 R 195	57.69.1097	10k	CF 5% 0603
0 R 102	57.60.1820	82R	MF, 1%, 0204, E24	0 R 196	57.69.1097	10k	CF 5% 0603
0 R 103	57.60.1131	130R	MF, 1%, 0204, E24	0 R 197	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 104	57.60.1109	1R	MF, 1%, 0204, E24	0 R 198	57.60.1100	10R	MF, 1%, 0204, E24
0 R 105	not used	1R	MF, 1%, 0204, E24	0 R 199	57.69.1097	10k	CF 5% 0603
0 R 106	57.60.1109	1R	MF, 1%, 0204, E24	0 R 200	57.69.1097	10k	CF 5% 0603
0 R 107	57.69.1097	10k	CF 5% 0603	0 R 201	57.60.1270	27R	MF, 1%, 0204, E24
0 R 108	57.69.1097	10k	CF 5% 0603	0 R 202	57.60.1270	27R	MF, 1%, 0204, E24
0 R 109	57.60.1680	68R	MF, 1%, 0204, E24	0 R 203	57.60.1270	27R	MF, 1%, 0204, E24
0 R 110	57.60.1181	180R	MF, 1%, 0204, E24	0 R 204	57.60.1270	27R	MF, 1%, 0204, E24
0 R111	57.69.1097	10k	CF 5% 0603	0 R 205	57.60.1270	27R	MF, 1%, 0204, E24
0 R 112	57.69.1097	10k	CF 5% 0603	0 R 206	57.69.1097	10k	CF 5% 0603
0 R 113	57.69.1097	10k	CF 5% 0603	0 R 207	57.69.1097	10k	CF 5% 0603
0 R 114	57.69.1097	10k	CF 5% 0603	0 R 208	57.69.1097	10k	CF 5% 0603
0 R 115	57.60.1102	1 k0	MF, 1%, 0204, E24	0 R 209	57.60.1331	330R	MF, 1%, 0204, E24
0 R 116	57.60.1820	82R	MF, 1%, 0204, E24	0 R 210	57.69.1097	10k	CF 5% 0603
0 R 117	57.60.1131	130R	MF, 1%, 0204, E24	0 R 211	57.69.1097	10k	CF 5% 0603
0 R 118	57.60.1102	1 k0	MF, 1%, 0204, E24	0 R 212	57.69.1097	10k	CF 5% 0603
0 R 119	57.60.1102	1 k0	MF, 1%, 0204, E24	0 R 213	57.69.1097	10k	CF 5% 0603
0 R 120	57.60.1109	1R	MF, 1%, 0204, E24	0 R 214	57.69.1097	10k	CF 5% 0603
0 R 121	not used	1R	MF, 1%, 0204, E24	0 R 215	57.69.1097	10k	CF 5% 0603
0 R 122	57.60.1109	1R	MF, 1%, 0204, E24	0 R 216	57.69.1097	10k	CF 5% 0603
0 R 123	57.60.1270	27R	MF, 1%, 0204, E24	0 R 217	57.69.1097	10k	CF 5% 0603
0 R 124	57.69.1097	10k	CF 5% 0603	0 R 218	not used	10R	MF, 1%, 0204, E24
0 R 125	57.69.1097	10k	CF 5% 0603	0 R 219	not used	470R	MF, 1%, 0204, E24
0 R 126	57.60.1109	1R	MF, 1%, 0204, E24	0 R 220	57.60.1270	27R	MF, 1%, 0204, E24
0 R 127	57.60.1109	1R	MF, 1%, 0204, E24	0 R 221	57.60.1270	27R	MF, 1%, 0204, E24
0 R 128	57.60.1109	1R	MF, 1%, 0204, E24	0 R 222	57.60.1270	27R	MF, 1%, 0204, E24
0 R 129	57.69.1097	10k	CF 5% 0603	0 R 223	57.60.1104	100k	MF, 1%, 0204, E24
0 R 130	57.69.1097	10k	CF 5% 0603	0 R 224	57.60.1104	100k	MF, 1%, 0204, E24
0 R 131	57.60.1270	27R	MF, 1%, 0204, E24	0 R 225	57.69.1097	10k	CF 5% 0603
0 R 132	57.60.1270	27R	MF, 1%, 0204, E24	0 R 226	57.69.1097	10k	CF 5% 0603
0 R 133	57.60.1270	27R	MF, 1%, 0204, E24	0 R 227	57.69.1097	10k	CF 5% 0603
0 R 134	57.60.1270	27R	MF, 1%, 0204, E24	0 R 228	57.69.1097	10k	CF 5% 0603
0 R 135	57.60.1270	27R	MF, 1%, 0204, E24	0 R 229	57.60.1109	1R	MF, 1%, 0204, E24
0 R 136	57.60.1270	27R	MF, 1%, 0204, E24	0 R 230	57.69.1097	10k	CF 5% 0603
0 R 137	57.69.1097	10k	CF 5% 0603	0 R 231	57.69.1097	10k	CF 5% 0603
0 R 138	57.69.1097	10k	CF 5% 0603	0 R 232	57.60.1820	82R	MF, 1%, 0204, E24
0 R 139	57.69.1097	10k	CF 5% 0603	0 R 233	57.60.1131	130R	MF, 1%, 0204, E24
0 R 140	57.60.1270	27R	MF, 1%, 0204, E24	0 R 234	57.60.1820	82R	MF, 1%, 0204, E24
0 R 141	57.69.1097	10k	CF 5% 0603	0 R 235	57.60.1131	130R	MF, 1%, 0204, E24
0 R 142	57.69.1097	10k	CF 5% 0603	0 R 236	57.69.1097	10k	CF 5% 0603
0 R 143	57.69.1097	10k	CF 5% 0603	0 R 239	57.69.1097	10k	CF 5% 0603
0 R 144	57.69.1097	10k	CF 5% 0603	0 R 240	57.60.1109	1R	MF, 1%, 0204, E24
0 R 145	57.60.1820	82R	MF, 1%, 0204, E24	0 R 241	57.60.1270	27R	MF, 1%, 0204, E24
0 R 146	57.60.1131	130R	MF, 1%, 0204, E24	0 R 242	57.60.1270	27R	MF, 1%, 0204, E24
0 R 147	57.69.1097	10k	CF 5% 0603	0 R 243	57.60.1270	27R	MF, 1%, 0204, E24
0 R 148	57.69.1097	10k	CF 5% 0603	0 R 244	57.69.1097	10k	CF 5% 0603
0 R 149	57.69.1097	10k	CF 5% 0603	0 R 245	57.69.1097	10k	CF 5% 0603
0 R 150	not used	10k	CF 5% 0603	0 R 246	57.69.1097	10k	CF 5% 0603
0 R 151	not used	10k	CF 5% 0603	0 R 247	57.69.1097	10k	CF 5% 0603
0 R 153	57.69.1097	10k	CF 5% 0603	0 R 248	57.69.1097	10k	CF 5% 0603
0 R 154	57.69.1097	10k	CF 5% 0603 MF, 1%, 0204, E24	0 R 249	57.69.1073 57.69.1097	1k0	CF 5% 0603
0 R 155 0 R 156	57.60.1102	1k0 10k	MF, 1%, 0204, E24 CF 5% 0603	0 R 250	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603
	not used not used	10k 27R	MF, 1%, 0204, E24	0 R 251 0 R 252	57.69.1097 57.60.1102	10k 1k0	MF, 1%, 0204, E24
0 R 157 0 R 158	not used not used	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 252 0 R 253	57.60.1102 57.60.1820	1 KU 82R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 156	not used	27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 253	57.60.1131	130R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 160	not used	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 255	57.60.1131	82R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 161	57.60.1820	82R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 256	57.60.1131	130R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 162	57.60.1131	130R	MF, 1%, 0204, E24	0 R 257	57.69.1073	1k0	CF 5% 0603
0 R 163	57.69.1097	10k	CF 5% 0603	0 R 258	57.69.1073	1k0	CF 5% 0603
0 R 164	57.69.1097	10k	CF 5% 0603	0 R 259	not used	10k	CF 5% 0603
0 R 165	not used	10k	CF 5% 0603	0 R 260	not used	10k	CF 5% 0603
0 R 166	not used	2k2	MF, 1%, 0204, E24	0 R 261	57.69.1097	10k	CF 5% 0603
0 R 167	not used	2k2	MF, 1%, 0204, E24	0 R 262	57.69.1073	1k0	CF 5% 0603
0 R 168	not used	2k2	MF, 1%, 0204, E24	0 R 263	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 169	not used	2k2	MF, 1%, 0204, E24	0 R 264	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 170	57.60.1680	68R	MF, 1%, 0204, E24	0 R 265	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 171	57.60.1270	27R	MF, 1%, 0204, E24	0 R 266	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 172	57.60.1100	10R	MF, 1%, 0204, E24	0 R 267	57.69.1097	10k	CF 5% 0603
0 R 173	not used	10k	CF 5% 0603	0 R 268	57.69.1097	10k	CF 5% 0603
0 R 174	not used	1R	MF, 1%, 0204, E24	0 R 269	57.69.1097	10k	CF 5% 0603
	57.60.1131	130R	MF, 1%, 0204, E24	0 R 270	57.69.1097	10k	CF 5% 0603
0 R 175		82R	MF, 1%, 0204, E24	0 R 271	57.60.1109	1R	MF, 1%, 0204, E24
0 R 176	57.60.1820						
0 R 176 0 R 177	57.69.1097	10k	CF 5% 0603	0 R 272	57.69.1097	10k	CF 5% 0603
0 R 176 0 R 177 0 R 178	57.69.1097 57.69.1097	10k	CF 5% 0603	0 R 273	57.60.1105	1 M	MF, 1%, 0204, E24
0 R 176 0 R 177	57.69.1097						



Page: 5 of 5

s. Part No. Qty. Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
276 not used 56R	MF, 1%, 0204, E24						
not used 56R	MF, 1%, 0204, E24						
not used 56R	MF, 1%, 0204, E24						
279 57.69.1097 10k	CF 5% 0603						
280 57.69.1097 10k	CF 5% 0603						
281 57.69.1097 10k	CF 5% 0603						
282 57.69.1097 10k	CF 5% 0603						
283 57.69.1097 10k	CF 5% 0603						
284 57.69.1097 10k	CF 5% 0603						
285 57.69.1097 10k	CF 5% 0603						
286 57.69.1097 10k	CF 5% 0603						
not used 1R	MF, 1%, 0204, E24						
not used 1R	MF, 1%, 0204, E24						
not used 1R	MF, 1%, 0204, E24						
290 57.69.1097 10k	CF 5% 0603						
291 not used 1R	MF, 1%, 0204, E24						
292 not used 1R	MF, 1%, 0204, E24						
293 not used 1R	MF, 1%, 0204, E24						
294 57.69.1097 10k	CF 5% 0603						
55.12.1121	Code-Switch						
55.12.1121	Code-Switch						
55.15.0138 1*A	S 1 TASTE, 1*A,IMPULS,1.0 N						
not used 1:1.4	OUTPUT TRAFO AES/EBU						
not used 1:1.4	OUTPUT TRAFO AES/EBU						
not used 1:1.4	OUTPUT TRAFO AES/EBU						
not used 1:1.4	OUTPUT TRAFO AES/EBU						
not used 1:1.4	OUTPUT TRAFO AES/EBU						
89.60.2001 12.5MHz	XTAL Oscillator						
not used 12.288MHz	TCXO Xtal-Oscillator temp comp						
L 3 53.03.0165 20p	DIL 0.3", löt, gerade						
1.950.930.25	SW605/10/16/21 RTOSBOOT(.1301)						
7 53.03.0166 8p	DIL 0.3", löt, gerade						
C 44 53.03.0166 8p	DIL 0.3", löt, gerade						
C 66 53.03.0166 8p	DIL 0.3", löt, gerade						
1 not used 1R	MF, 1%, 0204, E24						
2 not used 1R	MF, 1%, 0204, E24						
16 57.60.1102 1k0	MF, 1%, 0204, E24						
19 57.60.1102 1k0	MF, 1%, 0204, E24						
21 not used 1k0	MF, 1%, 0204, E24						
IC 1 53.03.2232 32p	PLCC-Socket						
89.01.1017 1.8432MHz	XTAL HC49U						
89.60.2004 40.0MHz	XTAL Oscillator						
89.60.2004 40.		0MHz XTAL Oscillator					

MEMNET Board 96k 1.950.621.20 (0) (Component Side)

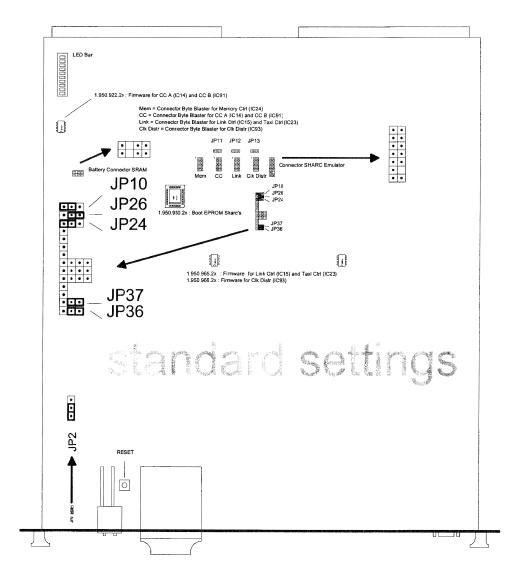


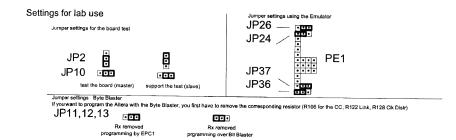
MEMNET Board 96k 1.950.621.20 (0) (Solder Side)

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C76 C75	CS4 R54 R56 B B B B C CS4 CS4 R57 R23 [] B B CS CS4 CS CS4 CS		11	
R219 R277 R277 C258 C258 C278	11 C Mess 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G 8 G8	8	
C88		[][][]	Cas C	
8124 				경기 설계 1월 경제 1월 8명 1 1월
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728 C85 C84 C85 C84 C	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	R224 R223 [] [] [] [] [] [] [] [] [] [2 C178	23
[및 및 및 및 RZE1 [] [] [] [] [] [] [] [] [11 C223 — 1 C231	G[23 Red 24 Care es 25 Care es 27 Care es 27 Care es 27 Care es 28 Care es 29 Care es 20 Care es 20 Care es 20 Care es 20 Care es 21 Care es 22 Care es 23 Care es 24 Care es 25 Care es 26 Care es 27 Care es 28 Care es 29 Care es 20 Care es
8	C27			CER CERS CERS CERS CERS CERS CERS CERS C

Zugehörige Unterlagen:		Freimasstoleranz: Massstab:	<u>.</u>	3 2 10.07.02 hm P6 1E (0)	pa y	37 g	<u></u>
Pl		•	``	Aus Date	Visa G	ected Seen	Index
Substitute for: Ersatz für:		Replaced by: Ersetzt durch:		Original Size: Originalformat:	٣	age: 2	5
STUDEN.	Estimates Hemnet	Yemnet Board L	ESE	1.95	0.6	950.621-20	20

MEMNET Board 96k 1.950.621.20 (0)) (Jumper Setting)





Accompanying documents: Zugehörige Unterlagen:	General tolerance: Freimasstoleranz:		# - e	10.	07.02		L		_
PL	1	./.	F Sa	Dat	te tun	Visa Gez.	Clecked Gepr.	Seen Ges.	Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:				l Size: Lformat:			3/	3
REGENSOORF HERE	Board i	E S E	Rumber: Bummer:		1.9	50.	62	1	20



Page: 1 of 5

IAIEIAII	AEI DOS	iru sok	1.950.621.20	(0)			Page: 1 of 5
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description
				0 C 95	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C1	59.60.2241	47p	CER 50V, 5%, C0G, 0603	0 C 96	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 97	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C3 0 C4	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 98	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 05	59.60.3337	100n	CER 50V, 10%, X7R, 0005	0 C 99	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C6	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 100	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 101	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 102	not used	100n	CER 50V, 10%, X7R, 0805
0 C 9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 103	59.68.0111	22u	EL 35V, 6.3*5.7
0 C 10	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 104	not used	100n	CER 50V, 10%, X7R, 0805
0 C11	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 105	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 12	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 C 106 0 C 107	not used 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805
0 C 13	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 107	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 14	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 108	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 15	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 103	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 16	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 111	not used	10u	EL 16V, 4.0*5.7
0 C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 112	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 18	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 113	59.68.0111	22u	EL 35V, 6.3*5.7
0 C 19	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 114	not used	100n	CER 50V, 10%, X7R, 0805
0 C 20	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 115	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 21 0 C 22	59.60.3337 59.60.2249	100n	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0603	0 C 116	59.68.0111	22u	EL 35V, 6.3*5.7
0 C 23	59.60.3337	100թ 100n	CER 50V, 10%, X7R, 0805	0 C 117	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 118	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 119	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 26	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 120	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 27	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 121	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 28	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 122	not used	100n	CER 50V, 10%, X7R, 0805
0 C 29	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 123	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 124	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 125	not used	100n	CER 50V, 10%, X7R, 0805
0 C 32	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 126	not used	100n	CER 50V, 10%, X7R, 0805
0 C 33	not used	100n	CER 50V, 10%, X7R, 0805	0 C 127	not used	100n	CER 50V, 10%, X7R, 0805
0 C 34	not used	1n0	CER 50V, 5%, C0G, 0805	0 C 128	not used	100n	CER 50V, 10%, X7R, 0805
0 C 35	not used	100n	CER 50V, 10%, X7R, 0805	0 C 129	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 36	not used	1n0	CER 50V, 5%, C0G, 0805	0 C 130	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 131	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 132	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 45	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 133 0 C 134	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 46	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 C 135	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 47	59.60,3337	100n	CER 50V, 10%, X7R, 0805	0 C 136	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 48	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 137	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 49	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 138	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 50 0 C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 139	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 51 0 C 52	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 140	not used	10u	EL 16V, 4.0*5.7
0 C 52	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 141	not used	100n	CER 50V, 10%, X7R, 0805
0 C 54	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 142	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 55	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 143	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 56	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 144	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 57	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 145	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 58	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 C 146	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 59	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 147	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 60	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 C 148	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 61	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 149 0 C 150	not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 62	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 C 151	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 63	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 152	not used	100n	CER 50V, 10%, X7R, 0805
0 C 64 0 C 65	59.60.2373	1n0 100n	CER 50V, 5%, C0G, 0805	0 C 153	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.3337		CER 50V, 10%, X7R, 0805	0 C 154	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 66 0 C 67	59.60.2373 59.60.3337	1n0 100n	CER 50V, 5%, C0G, 0805 CER 50V, 10%, X7R, 0805	0 C 155	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 69	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 156	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 70	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 157	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 71	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 158	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 72	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 159	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 73	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 160	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 74	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 161	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 75	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 162	not used	100n	CER 50V, 10%, X7R, 0805
0 C 76	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 163 0 C 164	not used not used	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
0 C 77	59.60.3337	100n	CER 50V, 10%, X7R, 0805			100n	CER 50V, 10%, X7R, 0805
0 C 78	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 165 0 C 166	not used 59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 79	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 167	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 80 0 C 81	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 168	59.68.0065	10u	EL 16V, 4.0*5.7
0 C81 0 C82	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 169	not used	10u	EL 16V, 4.0*5.7
0 C 82	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 170	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 84	59.60.3337	100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805	0 C 171	59.60.3335	68n	CER 50V, 10%, X7R, 0805
0 C 85	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 172	59.60.3325	10n	CER 50V, 10%, X7R, 0805
0 C 86	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 173	59.60.3325	10n	CER 50V, 10%, X7R, 0805
0 C 87	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 174	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C88	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 175	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 89	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 176	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 000	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 177 0 C 178	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 90							
0 C 90 0 C 91	59.60.3337	100n	CER 50V, 10%, X7R, 0805		59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 90 0 C 91 0 C 92	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 179	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 90 0 C 91	59.60.3337						



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ldx. Pos. 0 C 182 0 C 183 0 C 184							
0 C 183	Part No. Qty	. Type/Val.	Description	ldx. Pos.	Part No. Qty	. Type/Val.	Description
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL8	50.04.2751	grn	LED mit Halter
0 0 194	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 1	50.63.1302	29F016	Flash Memory 2M*8
0 0 104	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 2	50.63.1302	29F016	Flash Memory 2M*8
0 C 185	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 3	50.63.1302	29F016	Flash Memory 2M*8
0 C 186	59.60.3337	100n	CER 50V. 10%. X7R. 0805	0 IC 4	50.63.1302	29F016	Flash Memory 2M*8
0 C 187	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 5	50.63.0203	TL16C550	UART
0 C 188	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 6	50.63.1503	62256	SRAM 32K*8, 100ns
0 C 189	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 7	1.950.922.22		SW 605/615 CC (50.63.4298)
0 C 190	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 8	not used	IDT7014	Dualport SRAM, 4K*9
0 C 191	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 9	50.63.1302	29F016	Flash Memory 2M*8
0 C 192	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0603	0 IC 10 0 IC 11	50.63.1302 50.63.1302	29F016 29F016	Flash Memory 2M*8 Flash Memory 2M*8
0 C 193	59.60.2249	100p		0 IC 12	50.63.1302	29F016	Flash Memory 2M*8
0 C 194 0 C 195	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 13	50.63.1503	62256	SRAM 32K*8, 100ns
0 C 195	59.60.2249	100n	CER 50V, 15%, COG, 0603	0 IC 14	not used	EPF8820R	EPLD 8000 QFP208
0 C 197	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 15	50.63.1503	62256	SRAM 32K*8, 100ns
0 C 198	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 16	not used	AM7969	TAXI Chip Receiver
0 C 199	not used	1n0	CER 50V, 5%, C0G, 0805	0 IC 18	50.63.1599	DS1210	Backup-Battery Manager
0 C 200	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 19	50.63.1599	DS1210	Backup-Battery Manager
0 C 201	not used	1n0	CER 50V, 5%, C0G, 0805	0 IC 20	not used	IDT7014	Dualport SRAM, 4K*9
0 C 208	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 21	not used	74FCT162374	16bit Bus Latches
0 C 209	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 22	not used	74ABTE16245	16bit Bus-Driver
0 C 210	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 23	50.63.4208	EPF81188	EPLD 12000 QFP208
0 C 211	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 24	1.950.964.20		SW 621 MEMCTRL (50.63.4206)
0 C 212	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 25	50.63.1599	DS1210	Backup-Battery Manager
0 C 213	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 26	50.63.1599	DS1210	Backup-Battery Manager
0 C 214	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 27	50.63.1503	62256	SRAM 32K*8, 100ns
0 C 215	not used	22p	CER 50V, 5%, C0G, 0603	0 IC 28	50.63.0205	AM7969	TAXI Chip Receiver
0 C 216	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 29	50.63.0204	AM7968	TAXI Chip Transmitter
0 C 217	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 30	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 218	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 31 0 IC 32	50.62.6946	74FCT162245 74FCT162374	16bit Bus-Driver, tri 16bit Bus Latches
0 C 219	59.60.2249	100p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 IC 32	not used not used	74ABTE16245	16bit Bus-Driver
0 C 220 0 C 221	59.60.2249 59.60.3337	100p 100n	CER 50V, 5%, C0G, 0805	0 IC 34	not used	IDT7014	Dualport SRAM, 4K*9
0 C 221	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 35	not used	IDT7014	Dualport SRAM, 4K*9
0 C 222	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 36	50.62.6915	74FCT88915	Clock-Driver
0 C 224	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 37	89.10.0021	HFBR5103	LWL Transceiver FDDI/MADI
0 C 225	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 38	not used	CY7C027	Dualport RAM, 32K*16
0 C 226	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 39	not used	CY7C027	Dualport RAM, 32K*16
0 C 227	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 40	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 228	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 41	50.63.0408	ADSP21062	32bit DSP
0 C 229	not used	1n0	CER 50V, 5%, C0G, 0805	0 IC 42	not used	IDT7014	Dualport SRAM, 4K*9
0 C 230	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 43	not used		SW 605/10/1 GAL A (50.63.3002)
0 C 231	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 44	1.950.965.20		SW 621 LINK A (50.63.4298)
0 C 232	not used	1n0	CER 50V, 5%, C0G, 0805	0 IC 45	50.63.4209	EPF8820Q	EPLD 8000 QFP160
0 C 233	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 46	not used	HFBR5103	LWL Transceiver FDDI/MADI
0 C 234	not used	1n0	CER 50V, 5%, C0G, 0805	0 IC 49	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 235	not used	1n0	CER 50V, 5%, C0G, 0805	0 IC 50	50.62.6946	74FCT162245	16bit Bus-Driver, tri
0 C 236	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 51 0 IC 52	50.62.6946	74FCT162245 74FCT807	16bit Bus-Driver, tri Share Clock-Driver
0 C 237 0 C 238	not used not used	1n0 100n	CER 50V, 5%, C0G, 0805 CER 50V, 10%, X7R, 0805	0 IC 52	50.62.6907 1.950.921.20	74501007	SW 605/615 GAL B (50.63.3002)
0 C 239	not used	100n	CER 50V, 10%, X7R, 0805	0 IC 54	50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 C 241	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 55	50.62.0463	DS34C86	4*RS 422 Line Receiver
0 C 242	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 56	50.62.0464	DS34C87	4*RS 422 Line Driver
0 C 243	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 57	50.62.0464	DS34C87	4*RS 422 Line Driver
0 C 244	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 58	not used	HFBR5103	LWL Transociver FDDI/MADI
0 C 245	59.68.0111	22u	EL 35V, 6.3*5.7	0 IC 61	not used	74FCT162245	16bit Bus-Driver, tri
0 C 246	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 62	not used	ADSP21062	32bit DSP
0 C 247	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 IC 63	50.62.6745	74ABTE16245	16bit Bus-Driver
0 C 248	not used	68p	CER 50V, 5%, C0G, 0603	0 IC 64	50.63.2001	7705B	Reset Generator
0 C 249	not used	68p	CER 50V, 5%, C0G, 0603	0 IC 65	not used	EPF8820Q	EPLD 8000 QFP160 SW 621 LINK B (50.63.4298)
0 C 250 0 C 251	not used 59.68.0065	68p 10u	CER 50V, 5%, C0G, 0603 EL 16V, 4.0*5.7	0 IC 66 0 IC 67	1.950.966.20 50.63.1506	IDT7014	Dualport SRAM, 4K*9
0 C 251	not used	10u	EL 16V, 4.0*5.7	0 IC 68	50.62.6974	74FCT162374	16bit Bus Latches
0 C 252	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 69	50.62.6745	74ABTE16245	16bit Bus-Driver
0 C 254	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 70	50.63.2001	7705B	Reset Generator
0 C 255	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 71	50.62.6905	49FCT805	Dual Clock-Driver
0 C 256	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 72	not used	HFBR5103	LWL Transceiver FDDI/MADI
0 C 257	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 73	50.62.6746	74ABTE16246	16bit Bus-Driver o.c.
0 C 258	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 74	50.62.6946	74FCT162245	16bit Bus-Driver, tri
	not used	BAS85	200mA 30V Schottky SOD 80	0 IC 77	not used	74FCT162245	16bit Bus-Driver, tri
0 D1	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 78	50.63.2001	7705B	Reset Generator
0 D1 0 D3	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0 IC 79	50.62.6974	74FCT162374	16bit Bus Latches
0 D3 0 D4		BAS85	200mA 30V Schottky SOD 80	0 IC 80	50.62.6745	74ABTE16245	16bit Bus-Driver
0 D3 0 D4 0 D5	50.60.8101		200mA 30V Schottky SOD 80	0 IC 81	50.62.0915	CS8414	Digital Audio Receiver 96kHz
0 D3 0 D4 0 D5 0 D6	50.60.8101	BAS85					
0 D3 0 D4 0 D5 0 D6 0 D9	50.60.8101 not used	BAS85	200mA 30V Schottky SOD 80	0 IC 82	50.62.6905	49FCT805	Dual Clock-Driver
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11	50.60.8101 not used not used	BAS85 BAS85	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80	0 IC 83	50.62.1004	74HC 04	Hex inverter
0 D 3 0 D 4 0 D 5 0 D 6 0 D 9 0 D 11 0 D 12	50.60.8101 not used not used not used	BAS85 BAS85 BAS85	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80	0 IC 83 0 IC 84	50.62.1004 50.63.1506	74HC 04 IDT7014	Hex inverter Dualport SRAM, 4K*9
0 D 3 0 D 4 0 D 5 0 D 6 0 D 9 0 D 11 0 D 12 0 D 13	50.60.8101 not used not used not used not used	BAS85 BAS85 BAS85 BAS85	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80	0 IC 83 0 IC 84 0 IC 85	50.62.1004 50.63.1506 50.62.0462	74HC 04 IDT7014 MAX 225	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11 0 D12 0 D13 0 D14	50.60.8101 not used not used not used not used not used not used	BAS85 BAS85 BAS85 BAS85 BAS85	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80	0 IC 83 0 IC 84 0 IC 85 0 IC 86	50.62.1004 50.63.1506 50.62.0462 not used	74HC 04 IDT7014 MAX 225 AM7969	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver TAXI Chip Receiver
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11 0 D12 0 D13 0 D14 0 DL1	50.60.8101 not used not used not used not used not used not used 50.04.2750	BAS85 BAS85 BAS85 BAS85 BAS85 red	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 LED mit Halter	0 IC 83 0 IC 84 0 IC 85 0 IC 86 0 IC 88	50.62.1004 50.63.1506 50.62.0462 not used 50.63.1704	74HC 04 IDT7014 MAX 225 AM7969 CY7C027	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver TAXI Chip Receiver Dualport RAM, 32K*16
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11 0 D12 0 D13 0 D14	50.60.8101 not used not used not used not used not used not used	BAS85 BAS85 BAS85 BAS85 BAS85 red grn	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80	0 IC 83 0 IC 84 0 IC 85 0 IC 86	50.62.1004 50.63.1506 50.62.0462 not used	74HC 04 IDT7014 MAX 225 AM7969	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver TAXI Chip Receiver
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11 0 D12 0 D13 0 D14 0 DL1 0 DL2	50.60.8101 not used not used not used not used not used 50.04.2750 50.04.2751	BAS85 BAS85 BAS85 BAS85 BAS85 red	200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 200mA 30V Schottky SOD 80 LED mit Halter	0 IC 83 0 IC 84 0 IC 85 0 IC 86 0 IC 88 0 IC 89	50.62.1004 50.63.1506 50.62.0462 not used 50.63.1704 50.63.1704	74HC 04 IDT7014 MAX 225 AM7969 CY7C027 CY7C027	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver TAXI Chip Receiver Dualport RAM, 32K*16 Dualport RAM, 32K*16
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11 0 D12 0 D13 0 DL1 0 DL1 0 DL2 0 DL3	50.60.8101 not used not used not used not used 50.04.2750 50.04.2751 50.04.2811	BAS85 BAS85 BAS85 BAS85 BAS85 red grn 10*grn	200mA 30V Schottky SOD 80 LED mit Halter LED mit Halter LED-Bargraph 10*green	0 IC 83 0 IC 84 0 IC 85 0 IC 86 0 IC 88 0 IC 89 0 IC 90	50.62.1004 50.63.1506 50.62.0462 not used 50.63.1704 50.63.1704 50.62.6905	74HC 04 IDT7014 MAX 225 AM7969 CY7C027 CY7C027 49FCT805	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver TAXI Chip Receiver Dualport RAM, 32K*16 Dual Cotk-Driver Dual Clock-Driver
0 D3 0 D4 0 D5 0 D6 0 D9 0 D11 0 D12 0 D13 0 D14 0 DL1 0 DL2 0 DL3 0 DL3	50.60.8101 not used not used not used not used sol.04.2750 50.04.2751 50.04.2811 50.04.2751	BAS85 BAS85 BAS85 BAS85 BAS85 red grn 10*grn grn	200mA 30V Schottky SOD 80 LED mit Halter LED mit Halter LED-Bargraph 10*green LED mit Halter	0 IC 83 0 IC 84 0 IC 85 0 IC 86 0 IC 88 0 IC 89 0 IC 90 0 IC 91	50.62.1004 50.63.1506 50.62.0462 not used 50.63.1704 50.63.1704 50.62.6905 50.63.4207	74HC 04 IDT7014 MAX 225 AM7969 CY7C027 CY7C027 49FCT805 EPF8820R	Hex inverter Dualport SRAM, 4K*9 5*RS 232 Driver/Receiver TAXI Chip Receiver Dualport RAM, 32K*16 Dualport RAM, 32K*16 Dual Clock-Driver EPLD 8000 QFP208



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ldx. Pos	. Part No. Qty.	Type/Val.	Description	lo	dx.	Pos.	Part No	. Qty.	Type/Val.	 Description		
0 IC 9	5 not used	AM7968	TAXI Chip Transmitter		0	Q 1	50.60.00	001	BC847B	NPN 45V 10	0mA SOT 23	
0 IC 9	6 50.62.0910	CS8402A	Dig audio interface transmitt		0	R 1	57.60.1	105	1M	MF, 1%, 0204,	E24	
0 IC 9	8 50.63.1506	IDT7014	Dualport SRAM, 4K*9		0	R 2	57.60.1	105	1M	MF, 1%, 0204,	E24	
0 IC 9	9 50.63.1506	IDT7014	Dualport SRAM, 4K*9		0	R 3	57.69.10	097	10k	CF 5% 0603		
0 J1	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 4	57.60.1	102	1k0	MF, 1%, 0204,	E24	
0 J2	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 5	57.60.1	102	1k0	MF, 1%, 0204,	E24	
0 J3	54.11.2009 1 pce	96p	EU-R 3*32p		0	R6	57,60.13	331	330R	MF, 1%, 0204,	E24	
0 J4	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 7	57.69.10	097	10k	CF 5% 0603		
0 J5	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 8	57.60.1	152	1k5	MF, 1%, 0204,	E24	
0 J6	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 9	57.69.10	097	10k	CF 5% 0603		
0 J7	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 10	57.69.10	97	10k	CF 5% 0603		
0 J8	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 11	57.69.10	097	10k	CF 5% 0603		
0 J9	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 12	57.60.13	331	330R	MF, 1%, 0204,	E24	
0 J 10	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 13	57.69.10	097	10k	CF 5% 0603		
0 J11	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 14	57.69.10	097	10k	CF 5% 0603		
0 J 12	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 15	57.60.13	331	330R	MF, 1%, 0204,		
0 J 13	not used 1 pce	1p	Pin, 1reihig, gerade		0	R 16	57.60.13	331	330R	MF, 1%, 0204,	E24	
0 J 14	not used 1 pce	1p	Pin, 1reihig, gerade			R 17	57.60.13	331	330R	MF, 1%, 0204,	E24	
0 J 15	not used 1 pce	1p	Pin, 1reihig, gerade			R 18	57.60.13		330R	MF, 1%, 0204,		
0 J 16	not used 1 pce	1p	Pin, 1reihig, gerade			R 19	57.60.13		330R	MF, 1%, 0204,		
0 J 17	not used 1 pce	1р	Pin, 1reihig, gerade			R 20	57.60.13		330R	MF, 1%, 0204,		
0 J 18	not used 1 pce	1p	Pin, 1reihig, gerade			R 21	not us		330R	MF, 1%, 0204,		
0 J 19	not used 1 pce	2*3p	Pin 0.63*0.63, RM2.54			R 22	57.60.13		330R	MF, 1%, 0204,		
0 J 20	not used 1 pce	1p	Pin, 1reihig, gerade			R 23	57.60.13		330R	MF, 1%, 0204,		
0 J 21	not used 1 pce	1p	Pin, 1reihig, gerade			R 24	57.60.13		330R	MF, 1%, 0204,		
0 J 22	not used 1 pce	1p	Pin, 1reihig, gerade			R 25	57.60.13		330R	MF, 1%, 0204,	E24	
0 J 23	54.11.2009 1 pce	96p	EU-R 3*32p			R 26	57.69.10		10k	CF 5% 0603		
0 J 24	54.13.0071 1 pce	9p	D-Sub, PCB, Winkel			R 27	57.69.10		10k	CF 5% 0603	F04	
0 J 25	not used 1 pce	1p	Pin, 1reihig, gerade			R 28	57.60.13		330R	MF, 1%, 0204,		
0 J 26	not used 1 pce	1p	Pin, 1reihig, gerade			R 29	57.60.11		1k0	MF, 1%, 0204,	E24	
0 J 30	54.01.0021 6 pcs	Jumper	0.63*0.63mm, Au			R 30	57.69.10		10k	CF 5% 0603	F24	
0 JP 2		1p	Pin, 1reihig, gerade Pin 0.63*0.63, RM2.54			R 31	57.60.11		100R	MF, 1%, 0204,		
0 JP3	•	2*3p	'			R 32	57.60.13		330R	MF, 1%, 0204,		
0 JP 4 0 JP 5	•	1p	Pin, 1reihig, gerade Pin, 1reihig, gerade			R 33	57.60.13		33R	MF, 1%, 0204, MF, 1%, 0204,		
0 JP 6		1p				R 34 R 35	57.60.13 not us		330R 82R	MF, 1%, 0204, MF, 1%, 0204,		
0 JP7		1p	Pin, 1reihig, gerade Pin, 1reihig, gerade			R 36	not us		130R	MF, 1%, 0204, MF, 1%, 0204,		
0 JP8	· ·	1p 1p	Pin, 1reinig, gerade			R 37	not us		82R	MF, 1%, 0204, MF, 1%, 0204,		
0 JP9	•	1p	Pin, 1reinig, gerade			R 38	not us		130R	MF, 1%, 0204, MF, 1%, 0204,		
0 JP1		2*3p	Pin 0.63*0.63, RM2.54			R 41	57.69.10		10k	CF 5% 0603		
0 JP 1	•	1p	Pin, 1reihig, gerade			R 42	57.60.13		330R	MF, 1%, 0204,	F24	
0 JP1	•	1p	Pin, 1reihig, gerade			R 43	57.60.13		330R	MF, 1%, 0204,		
0 JP1	•	1p	Pin, 1reihig, gerade			R 44	57.60.11		1R	MF, 1%, 0204,		
0 JP 2	·	1p	Pin, 1reihig, gerade			R 45	57.69.10		10k	CF 5% 0603		
0 JP 2	·	1p	Pin, 1reihig, gerade			R 46	57.69.10		1k0	CF 5% 0603		
0 JP3	•	2*3p	Pin 0.63*0.63, RM2.54			R 47	57.60.11		1R	MF, 1%, 0204,	E24	
0 JP 3		1p	Pin, 1reihig, gerade			R 48	57.60.11		1R	MF, 1%, 0204,		
0 L1	62.02.3109	1uH	20%, radial RM 5		0	R 49	57.60.11		1 k0	MF, 1%, 0204,		
0 L2	62.02.3109	1uH	20%, radial RM 5		0	R 50	57.60.11	02	1k0	MF, 1%, 0204,	E24	
0 L3	not used	1uH	20%, radial RM 5		0	R 51	57.60.11	81	180R	MF, 1%, 0204,	E24	
0 L4	not used	1uH	20%, radial RM 5		0	R 52	57.60.16	80	68R	MF, 1%, 0204,	E24	
0 L5	not used	1uH	20%, radial RM 5			R 53	57.60.11		180R	MF, 1%, 0204,	E24	
0 L6	not used	1uH	20%, radial RM 5			R 54	57.60.16		68R	MF, 1%, 0204,	E24	
0 L7	not used	1uH	20%, radial RM 5			R 55	57.69.10		10k	CF 5% 0603		
0 L8	not used	1uH	20%, radial RM 5			R 56	57.69.10		10k	CF 5% 0603		
0 L9	62.02.3109	1uH	20%, radial RM 5			R 57	57.60.18		82R	MF, 1%, 0204,		
0 L10	62.03.0010	48uH	2A Toroid Chocke			R 58	57.60.11		130R	MF, 1%, 0204,		
0 L11	not used 1 1.950.615.13 1 pce	48uH	2A Toroid Chocke			R 59	57.60.18 57.60.11		82R	MF, 1%, 0204, MF, 1%, 0204		
0 MP1			MADIMEMNET PCB TYPENSCHILD			R 60 R 61	57.60.11 57.69.10		130R	MF, 1%, 0204, CF 5% 0603	E24	
0 MP3		Label	ESE-WARNSCHILD			R 62	57.69.10		1k0 1k0	CF 5% 0603		
0 MP	·	Label	TEXT-ETIK. 5*20 HARDWARE -20			R 63	57.69.10		10k	CF 5% 0603		
0 MP		M2.5*12	Z - Schraube Zn gb chr			R 64	57.69.10		10k	CF 5% 0603		
0 MP		2.7/5.0	Rippenscheibe			R 65	57.69.10		10k	CF 5% 0603		
0 MP		M2.5	6kt-Mutter 0.8d St gb			R 66	57.69.10		10k	CF 5% 0603		
0 MP			VERBINDUNGSKABEL			R 67	57.60.11		1R	MF, 1%, 0204,	E24	
0 MP	·		Seitenwand			R 68	57.69.10		1k0	CF 5% 0603		
0 MP1			FRONTPLATTE MEMNET			R 69	57.60.11		1k0	MF, 1%, 0204,	E24	
0 MP1	1.940.600.05 2 pcs		GRIFFEINLAGE 4TE			R 70	57.60.11		1k0	MF, 1%, 0204,		
0 MP1		M2.5*12	Schraube spezial			R 71	57.69.10	197	10k	CF 5% 0603		
0 MP1	3 49.02.0521 2 pcs		Metall-Buchse (Rack)		0	R 72	57.60.11		1k0	MF, 1%, 0204,	E24	
0 MP1		1.8*5	Lötspirale Cu Sn	1	0	R 73	57.69.10	197	10k	CF 5% 0603		
0 MP1		M2.5*7	Senk-Schr, KS, Senkripp			R 74	not us		10k	CF 5% 0603		
0 MP1	·	4TE	Frontplatten-Griffsatz			R 75	57.69.10		10k	CF 5% 0603		
0 MP1			BATTERIEHALTER			R 76	57.69.10		10k	CF 5% 0603		
0 MP1		3.6V	Lithium-Batterie, 750mAh			R 77	57.69.10		10k	CF 5% 0603		
0 MP 1			ROHRNIETE D 2.5*0.15* 9			R 78	57.69.10		10k	CF 5% 0603		
0 MP2		4.85mm	Bolzen UNC 4-40			R 79	57.69.10		10k	CF 5% 0603		
0 MP 2		3.2/6.0	Fächerscheibe Form A			R 80	57.69.10		10k	CF 5% 0603		
0 MP2	•	0.5*00	QUARZ - ISOLIERPLATTE			R 83	57.69.10		10k	CF 5% 0603		
0 MP2	•	2.5*92	Kabelbinder			R 84	57.69.10		10k	CF 5% 0603		
0 MP 2		1n	BAUGRUPPENSCHILD 10X80			R 85	57.69.10		10k	CF 5% 0603		
0 P9 0 P11	54.01.0020 10 pce not used 10 pcs	1p	Pin, 1reihig, gerade Pin, 1reihig, gerade			R 86 R 87	57.69.10		10k 10k	CF 5% 0603		
0 P11		1p 1p	Pin, freihig, gerade Pin, freihig, gerade			R 88	57.69.10 57.69.10		10k	CF 5% 0603 CF 5% 0603		
0 P12		1p	Pin, freihig, gerade			R 89	57.69.10		10k	CF 5% 0603		
0 P14	· ·	1p	Pin, 1reihig, gerade			R 90	57.69.10		10k	CF 5% 0603		
			,	,	•		57.05.10		. •	_,,,		



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dx. Pos.	Part No. Qt	y. Type/Val.	Description	Id	x. Pos.	Part No. Qty	/. Type/Val.	Description
0 R 91	57.69.1097	10k	CF 5% 0603		R 181	57.60.1220	22R	MF, 1%, 0204, E24
0 R 94	not used	27R	MF, 1%, 0204, E24		R 182	57.60.1270	27R	MF, 1%, 0204, E24
0 R 95	57.60.1270	27R	MF, 1%, 0204, E24	(57.60.1220	22R	MF, 1%, 0204, E24
0 R 96	57.60.1270	27R	MF, 1%, 0204, E24	(57.60.1181	180R	MF, 1%, 0204, E24
0 R 97	57.60.1820 57.60.1131	82R 130R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	(57.60.1100 57.69.1097	10R 10k	MF. 1%. 0204, E24 CF 5% 0603
0 R 99	57.69.1097	10k	CF 5% 0603	Č		57.60.1331	330R	MF, 1%, 0204, E24
0 R 100	57.69.1097	10k	CF 5% 0603	(57.60.1103	10k	MF, 1%, 0204, E24
0 R 101	57.69.1097	10k	CF 5% 0603	(R 195	not used	10k	CF 5% 0603
R 102	not used	82R	MF, 1%, 0204, E24	(R 196	not used	10k	CF 5% 0603
R 103	not used	130R	MF, 1%, 0204, E24	(R 197	57.60.1102	1k0	MF, 1%, 0204, E24
R 104	57.60.1109	1R	MF, 1%, 0204, E24	(R 198	57.60.1100	10R	MF, 1%, 0204, E24
0 R 105	not used	1R	MF, 1%, 0204, E24	(R 199	57.69.1097	10k	CF 5% 0603
0 R 106	57.60.1109	1R	MF, 1%, 0204, E24		R 200	57.69.1097	10k	CF 5% 0603
0 R 107	57.69.1097	10k	CF 5% 0603	(57.60.1270	27R	MF, 1%, 0204, E24
0 R 108	57.69.1097	10k	CF 5% 0603	(57.60.1270	27R	MF, 1%, 0204, E24
0 R 109	57.60.1680	68R	MF, 1%, 0204, E24	(57.60.1270	27R	MF, 1%, 0204, E24
0 R 110	57.60.1181	180R	MF, 1%, 0204, E24	(57.60.1270	27R	MF, 1%, 0204, E24
0 R 111	57.69.1097	10k	CF 5% 0603	(57.60.1270 57.69.1097	27R 10k	MF, 1%, 0204, E24 CF 5% 0603
0 R 112 0 R 113	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603	(57.69.1097	10k	CF 5% 0603
0 R113	57.69.1097	10k	CF 5% 0603	,		57.69.1097	10k	CF 5% 0603
0 R115	57.60.1102	1k0	MF, 1%, 0204, E24			57.60.1331	330R	MF, 1%, 0204, E24
0 R 116	not used	82R	MF, 1%, 0204, E24		R 210	57.69.1097	10k	CF 5% 0603
0 R 117	not used	130R	MF, 1%, 0204, E24	(57.69.1097	10k	CF 5% 0603
0 R 118	57.60.1102	1k0	MF, 1%, 0204, E24	(57.69.1097	10k	CF 5% 0603
0 R 119	57.60.1102	1k0	MF, 1%, 0204, E24	(R 213	57.69.1097	10k	CF 5% 0603
0 R 120	57.60.1109	1R	MF, 1%, 0204, E24	(R 214	57.69.1097	10k	CF 5% 0603
0 R 121	not used	1R	MF, 1%, 0204, E24	(R 215	not used	10k	CF 5% 0603
0 R 122	57.60.1109	1R	MF, 1%, 0204, E24	(R 216	not used	10k	CF 5% 0603
0 R 123	57.60.1270	27R	MF, 1%, 0204, E24	(R 217	57.69.1097	10k	CF 5% 0603
0 R 124	57.69.1097	10k	CF 5% 0603		R 218	57,60.1100	10R	MF, 1%, 0204, E24
0 R 125	57.69.1097	10k	CF 5% 0603		R 219	57.60.1471	470R	MF, 1%, 0204, E24
0 R 126	57.60.1109	1R	MF, 1%, 0204, E24	(57.60.1270	27R	MF, 1%, 0204, E24
0 R 127	57.60.1109	1R	MF, 1%, 0204, E24	(57.60.1270	27R	MF, 1%, 0204, E24
0 R 128	57.60.1109	1R	MF, 1%, 0204, E24		R 222	57.60.1270	27R	MF, 1%, 0204, E24
0 R 129	57.69.1097	10k	CF 5% 0603		D R 223	57.60.1104	100k	MF, 1%, 0204, E24
0 R 130 0 R 131	57.69.1097	10k	CF 5% 0603 MF, 1%, 0204, E24	(R 224	57.60.1104 57.69.1097	100k 10k	MF, 1%, 0204, E24 CF 5% 0603
0 R 131 0 R 132	57.60.1270 57.60.1270	27R 27R	MF, 1%, 0204, E24	(57.69.1097	10k	CF 5% 0603
0 R 133	57.60.1270	27R	MF, 1%, 0204, E24		R 227	57.69.1097	10k	CF 5% 0603
0 R 134	57.60.1270	27R	MF, 1%, 0204, E24			57.69.1097	10k	CF 5% 0603
0 R 135	57.60.1270	27R	MF, 1%, 0204, E24		R 229	not used	1R	MF, 1%, 0204, E24
0 R 136	57.60.1270	27R	MF, 1%, 0204, E24	(57.69.1097	10k	CF 5% 0603
0 R 137	57.69.1097	10k	CF 5% 0603	(R 231	57.69.1097	10k	CF 5% 0603
0 R 138	57.69.1097	10k	CF 5% 0603	(R 232	not used	82R	MF, 1%, 0204, E24
0 R 139	57.69.1097	10k	CF 5% 0603		R 233	not used	130R	MF, 1%, 0204, E24
0 R 140	57.60.1270	27R	MF, 1%, 0204, E24		R 234	not used	82R	MF, 1%, 0204, E24
0 R 141	57.69.1097	10k	CF 5% 0603	(not used	130R	MF, 1%, 0204, E24
0 R 142	57.69.1097	10k	CF 5% 0603	(57.69.1097	10k	CF 5% 0603 CF 5% 0603
0 R 143 0 R 144	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603	(R 239	57.69.1097 57.60.1109	10k 1R	MF, 1%, 0204, E24
0 R 145	57.60.1820	82R	MF, 1%, 0204, E24		R 241	57.60.1270	27R	MF, 1%, 0204, E24
0 R 146	57.60.1131	130R	MF, 1%, 0204, E24			57.60.1270	27R	MF, 1%, 0204, E24
0 R 147	57.69.1097	10k	CF 5% 0603			57.60.1270	27R	MF, 1%, 0204, E24
0 R 148	57.69.1097	10k	CF 5% 0603	(57.69.1097	10k	CF 5% 0603
0 R 149	57.69.1097	10k	CF 5% 0603	(R 245	57.69.1097	10k	CF 5% 0603
0 R 150	57.69.1097	10k	CF 5% 0603		R 246	57.69.1097	10k	CF 5% 0603
0 R 151	57.69.1097	10k	CF 5% 0603		R 247	57.69.1097	10k	CF 5% 0603
0 R 153	57.69.1097	10k	CF 5% 0603		R 248	57.69.1097	10k	CF 5% 0603
0 R 154	57.69.1097	10k	CF 5% 0603		R 249	not used	1k0 10k	CF 5% 0603 CF 5% 0603
0 R 155 0 R 156	57.60.1102 57.60.1007	1 k0 1 0 k	MF, 1%, 0204, E24 CF 5% 0603		R 250 R 251	57.69.1097 57.69.1097	10k 10k	CF 5% 0603
0 R 156 0 R 157	57.69.1097 57.60.1270	27R	MF, 1%, 0204, E24		R 251	not used	1k0	MF, 1%, 0204, E24
0 R 158	57.60.1220	22R	MF, 1%, 0204, E24		R 252	not used	82R	MF, 1%, 0204, E24
0 R 159	57.60.1270	27R	MF, 1%, 0204, E24	·		not used	130R	MF, 1%, 0204, E24
0 R 160	57.60.1220	22R	MF, 1%, 0204, E24		R 255	not used	82R	MF, 1%, 0204, E24
0 R 161	57.60.1820	82R	MF, 1%, 0204, E24		R 256	not used	130R	MF, 1%, 0204, E24
0 R 162	57.60.1131	130R	MF, 1%, 0204, E24	(R 257	not used	1k0	CF 5% 0603
0 R 163	57.69.1097	10k	CF 5% 0603	(R 258	not used	1k0	CF 5% 0603
0 R 164	57.69.1097	10k	CF 5% 0603	(R 259	57.69.1097	10k	CF 5% 0603
0 R 165	57.69.1097	10k	CF 5% 0603	(57.69.1097	10k	CF 5% 0603
0 R 166	57.60.1222	2k2	MF, 1%, 0204, E24		R 261	57.69.1097	10k	CF 5% 0603
0 R 167	57.60.1222	2k2	MF, 1%, 0204, E24	(not used	1k0	CF 5% 0603
0 R 168	57.60.1222	2k2	MF, 1%, 0204, E24		D R 263	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 169	57.60.1222 57.60.1680	2k2	MF, 1%, 0204, E24		R 264	57.60.1102	1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 170 0 R 171	57.60.1680 57.60.1270	68R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	(not used not used	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 1/1 0 R 1/2	57.60.1270 57.60.1100	10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 266	not used 57.69.1097	1 KU 10k	MF, 1%, 0204, E24 CF 5% 0603
0 R 172	57.69.1097	10k	CF 5% 0603		R 268	57.69.1097	10k	CF 5% 0603
0 R 174	57.60.1109	1R	MF, 1%, 0204, E24			57.69.1097	10k	CF 5% 0603
0 R 175	not used	130R	MF, 1%, 0204, E24		R 270	57.69.1097	10k	CF 5% 0603
0 R 176	57.60.1820	82R	MF, 1%, 0204, E24	(not used	1R	MF, 1%, 0204, E24
R 177	57.69.1097	10k	CF 5% 0603	(R 272	57.69.1097	10k	CF 5% 0603
R 178	not used	10k	CF 5% 0603		R 273	57.60.1105	1M	MF, 1%, 0204, E24
R 179	not used	10k	CF 5% 0603		R 274	not used	1k0	MF, 1%, 0204, E24
0 R 180	57.60.1270	27R	MF, 1%, 0204, E24	(R 275	57.69.1097	10k	CF 5% 0603



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0 R 276 0 R 277 0 R 278 0 R 280 0 R 290 0 R 29	77 not used 78 not used 79 57.69.1097 70 57.69.1097 71 57.69.1097 72 57.69.1097 73 57.69.1097 74 57.69.1097 75 57.69.1097 76 57.69.1097	56R 56R 56R 10k 10k 10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 CF 5% 0603 CF 5% 0603 CF 5% 0603			
0 R 278 R 278 R 279 R 27	78 not used 79 57.69.1097 70 57.69.1097 71 57.69.1097 72 57.69.1097 73 57.69.1097 74 57.69.1097 75 57.69.1097 76 57.69.1097	56R 10k 10k 10k 10k	MF, 1%, 0204, E24 CF 5% 0603 CF 5% 0603 CF 5% 0603			
0 R 279 0 R 280 0 R 281 0 R 281 0 R 281 0 R 282 0 R 283 0 R 283 0 R 287 0 R 297 0 R 29	57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097	10k 10k 10k 10k	CF 5% 0603 CF 5% 0603 CF 5% 0603			
0 R 280 0 R 281 0 R 281 0 R 281 0 R 282 0 R 282 0 R 283 0 R 284 0 R 284 0 R 282 0 R 28	57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097	10k 10k 10k	CF 5% 0603 CF 5% 0603			
0 R 2811 0 R 2823 0 R 2826 0 R 2827 0 R	57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097	10k 10k	CF 5% 0603			
0 R 282 0 R 283 0 R 283 0 R 283 0 R 285 0 R 286 0 R 286 0 R 286 0 R 289 0 R 290 0 R 290 0 R 291 0 R 291 0 R 292 0 R 293 0 R 294 0 R 291 0 R 294 0 R 295 0 R 294 0 R 295 0 R 296 0 R 297 0 R 29	57.69.1097 57.69.1097 57.69.1097 57.69.1097 57.69.1097	10k				
0 R 283 0 R 284 0 R 285 0 R 226 0 R 227 0 R 22	57.69.1097 57.69.1097 57.69.1097 57.69.1097					
0 R 284 0 R 285 0 R 287 0 R 287 0 R 287 0 R 288 0 R 289 0 R 289 0 R 299 0 R 290 0 R 291 0 R 292 0 R 291 0 R 292 0 R 291 0 R 292 0 R 294 0 R 29	57.69.1097 57.69.1097 57.69.1097	10k	CF 5% 0603			
0 R 285 8 0 R 285 8 0 R 286 8 0 R 289 8 0 R 289 8 0 R 290 9 0 R 292 9 0 R 293 9 0 R 294 8 0 R 29	57.69.1097 57.69.1097		CF 5% 0603			
0 R 286 0 R 287 0 R 288 0 R 290 0 R 290 0 R 291 0 R 293 0 R 294 0 S 1 0 S 2 0 S 3 0 T 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1 C 1 0 X	6 57.69.1097	10k	CF 5% 0603			
0 R 287 0 R 288 0 R 299 0 R 290 0 R 291 0 R 292 0 R 293 0 R 294 0 S 1 0 S 2 0 T 3 0 T 4 0 T 5 0 X 1 0 X 2 0		10k	CF 5% 0603			
0 R 288 0 R 289 0 R 290 0 R 291 0 R 292 0 R 293 0 R 294 0 S 1 0 S 3 0 T 2 0 T 3 0 T 4 0 T 7 0 X 1 0	7 57 50 4400	10k	CF 5% 0603			
0 R 289 0 R 290 0 R 291 0 R 292 0 R 293 0 R 294 0 S 1 0 S 2 0 T 3 0 T 4 0 T 5 0 X 1	7 57.60.1109	1R	MF, 1%, 0204, E24			
0 R 290 0 R 291 0 R 292 0 R 293 0 R 294 0 S 1 0 S 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1 0 X 2 0 X 2 0 X 1 0 X 2 0 X 1 0 X 2 0 X 1 0 X 2 0 X 1 0 X 1 0 X 2 0 X 1 0	8 57.60.1109	1R	MF, 1%, 0204, E24			
0 R 291 0 R 292 0 R 293 0 R 293 0 R 294 0 S 1 0 S 2 0 T 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1 0 X 2 0 X 10 X 1	9 not used	1R	MF, 1%, 0204, E24			
0 R 292 0 R 293 0 R 294 0 S 1 0 S 2 0 S 3 0 T 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1	0 57.69.1097	10k	CF 5% 0603			
0 R 293 0 R 294 0 S 1 0 S 2 0 S 3 0 T 2 0 T 3 0 T 4 0 T 5 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 66	1 57.60.1109	1R	MF, 1%, 0204, E24			
0 R 294 0 S 1 0 S 2 0 S 3 0 T 2 0 T 3 0 T 4 0 T 5 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	2 57.60.1109	1R	MF, 1%, 0204, E24			
0 S1 0 S2 0 S3 0 T2 0 T3 0 T4 0 T5 0 T7 0 X1 0 X2 0 XDL3 0 XIC1 0 XIC7 0 XIC6	3 57.60.1109	1R	MF, 1%, 0204, E24			
0 S 2 0 S 3 0 T 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 7 0 XIC 7 0 XIC 7 0 XIC 40 0 XIC 66	4 57.69.1097	10k	CF 5% 0603			
0 S 3 0 T 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	55.12.1121		Code-Switch			
0 T 2 0 T 3 0 T 4 0 T 5 0 T 7 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	55.12.1121		Code-Switch			
0 T3 0 T4 0 T5 0 T7 0 X1 0 X2 0 XDL3 0 XIC1 0 XIC7 0 XIC 40 0 XIC 66	55.15.0138	1*A	S 1 TASTE, 1*A,IMPULS,1.0 N			
0 T 4 0 T 5 0 T 7 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU			
0 T 5 0 T 7 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU			
0 T 7 0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 4-	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU			
0 X 1 0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU			
0 X 2 0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU			
0 XDL 3 0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	89.60.2001	12.5MHz	XTAL Oscillator			
0 XIC 1 0 XIC 7 0 XIC 44 0 XIC 66	89.01.1601	12.288MHz	TCXO Xtal-Oscillator temp comp			
0 XIC 7 0 XIC 44 0 XIC 66	3 53.03.0165	20p	DIL 0.3", löt, gerade			
0 XIC 44	1 1.950.930.25		SW605/10/16/21 RTOSBOOT(.1301)			
0 XIC 66	7 53.03.0166	8p	DIL 0.3", löt, gerade			
	44 53.03.0166	8p	DIL 0.3", löt, gerade			
	66 53.03.0166	8р	DIL 0.3", löt, gerade			
		1R	MF, 1%, 0204, E24			
0 XR 2		1R	MF, 1%, 0204, E24			
0 XR 16		1k0	MF, 1%, 0204, E24			
0 XR 19		1k0	MF, 1%, 0204, E24			
0 XR 21		1k0	MF, 1%, 0204, E24			
0 XXIC	i noi usea	32p	PLCC-Socket			
0 Y1		1.8432MHz	XTAL HC49U			
0 Y 2		40.0MHz	XTAL Oscillator			



CIRCUIT DIAGRAMS: D19m FRAMES

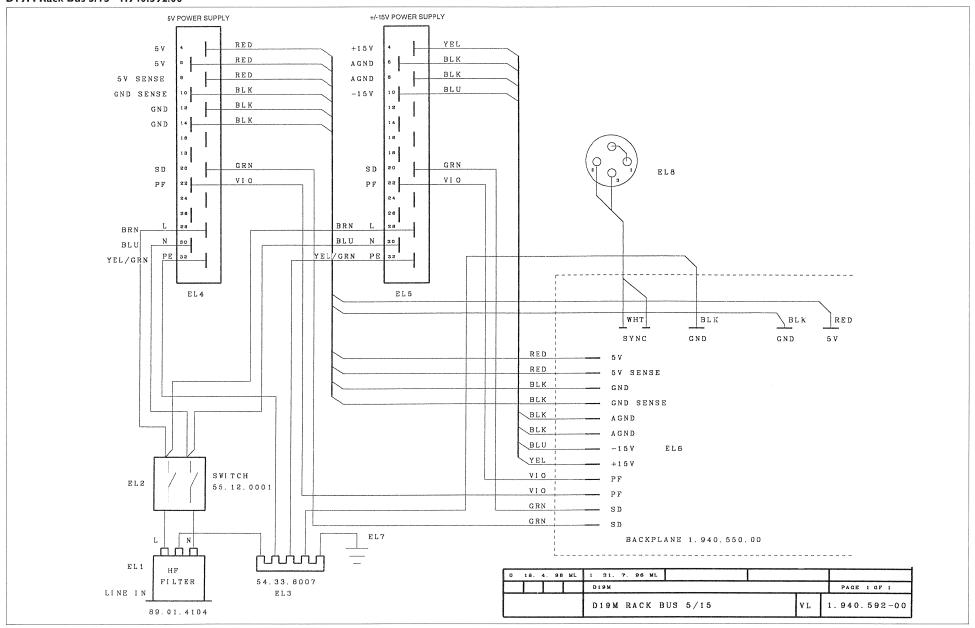
3U Frames

D19m Rack Bus 5/15	1.940.592
Back Plane (cannot be used with RCC and MP4RC cards)	1.940.550
Back Plane	1.940.551
Power Supply 5 V/16 A Power Supply ±15 V/3.5 A	
Supply Status Board	1.940.589
Supply Status Board	
Power Distributor ±15 V + Diode	
Power Distributor 5/24 V + Diode	1.940.624
Supply Board, Redundant Output	1.940.411
Control Connection	1.940.630
D19m Sync Receiver	1.940.557
Optical/Coax Interface	1.940.558
RS422-to-Optical Converter	
Fan Regulation	1.940.596

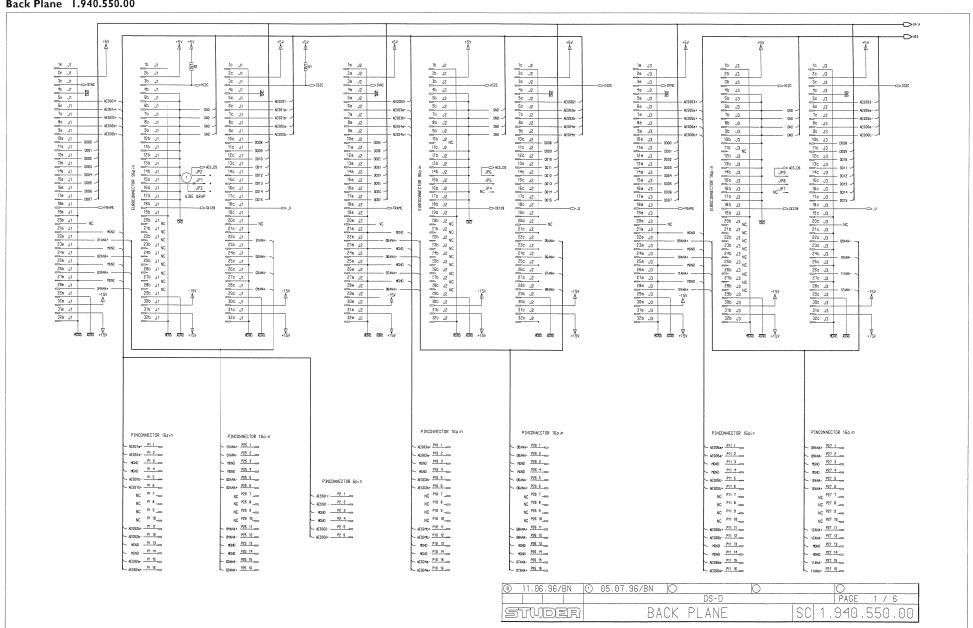
1U Frame

Back Plane	1.940.553
Supply Board	1.940.578

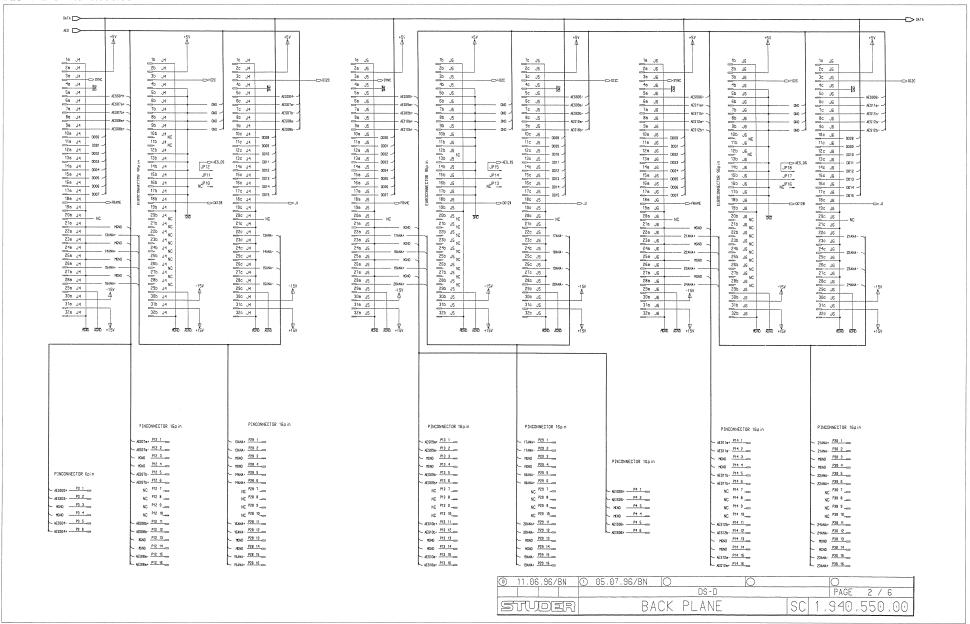
DI9M Rack Bus 5/15 1.940.592.00



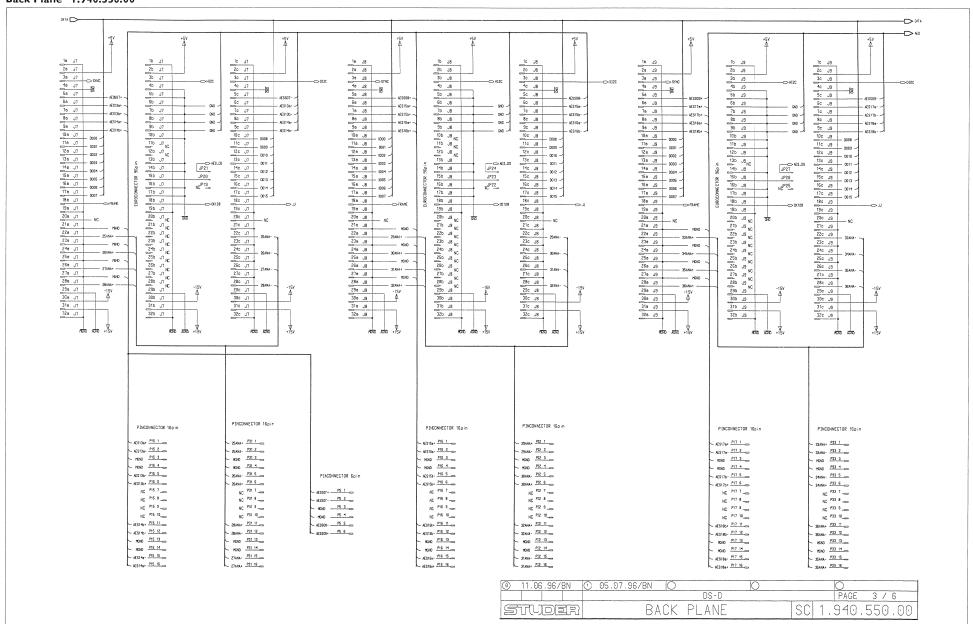
Back Plane 1.940.550.00



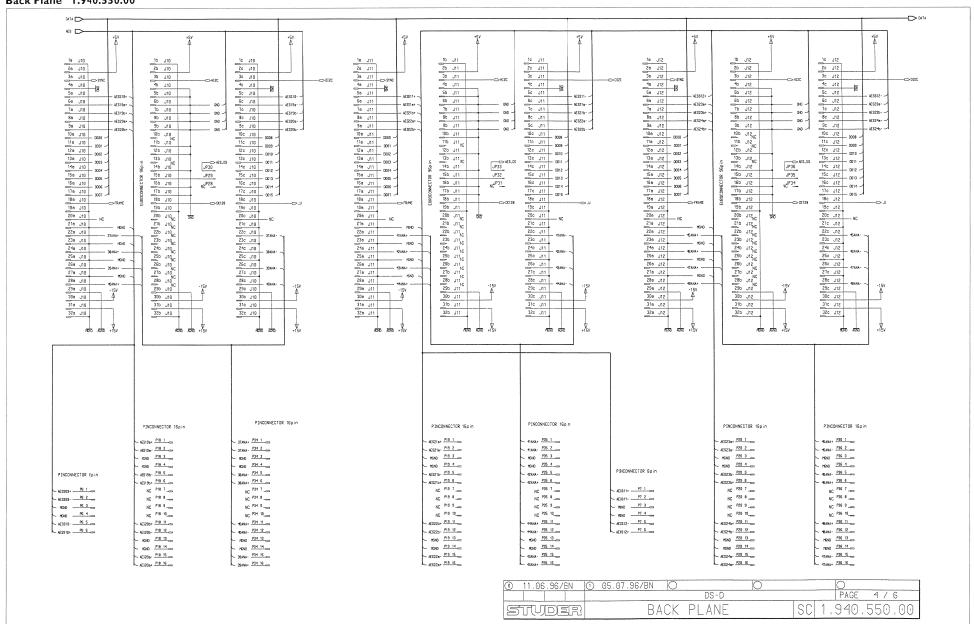
Back Plane 1.940.550.00



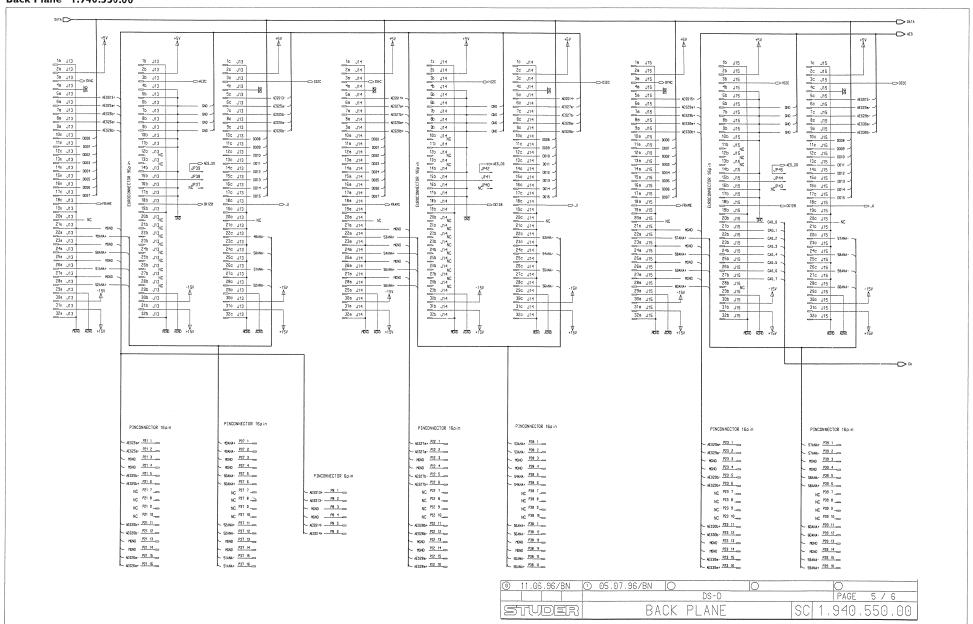
Back Plane 1.940.550.00



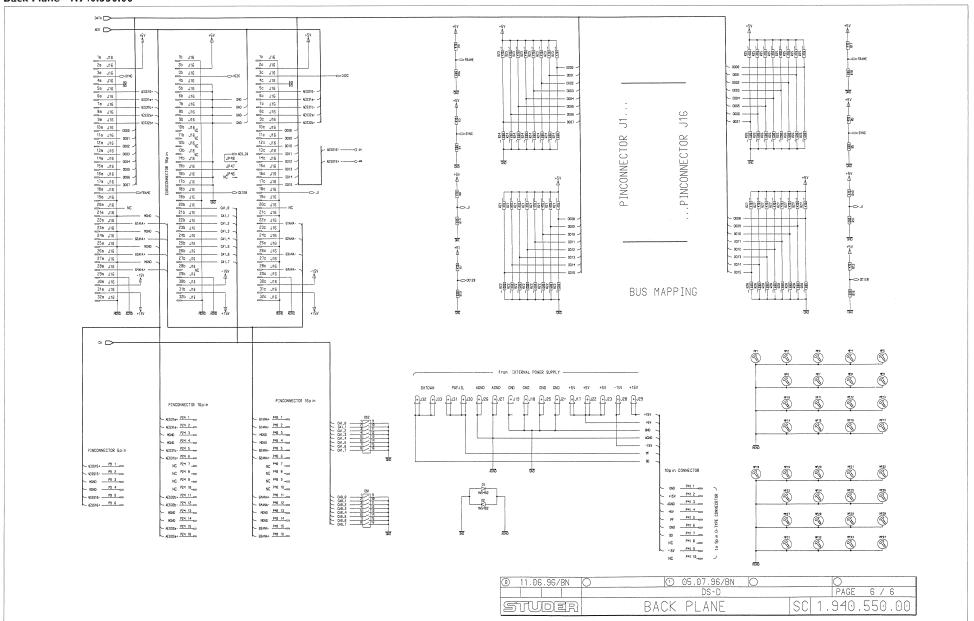
Back Plane 1.940.550.00



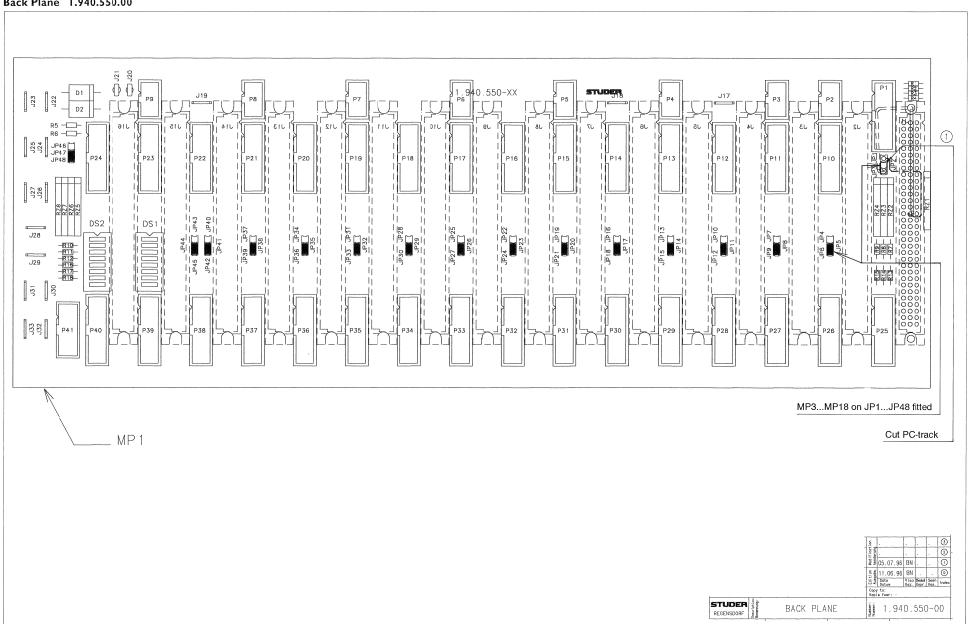
Back Plane 1.940.550.00



Back Plane 1.940.550.00



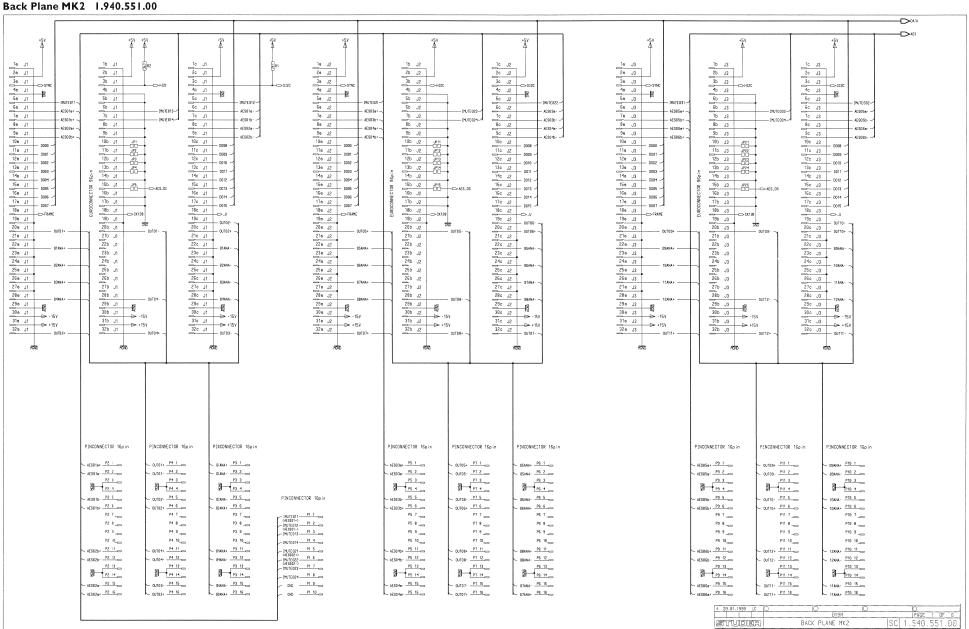
Back Plane 1.940.550.00



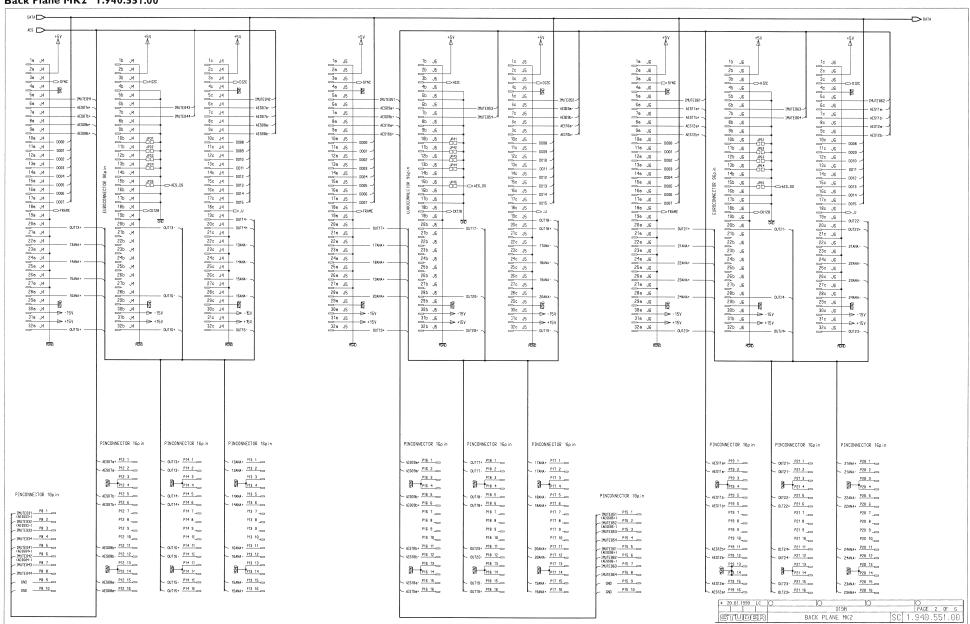


Back Plane 1.940.550.00

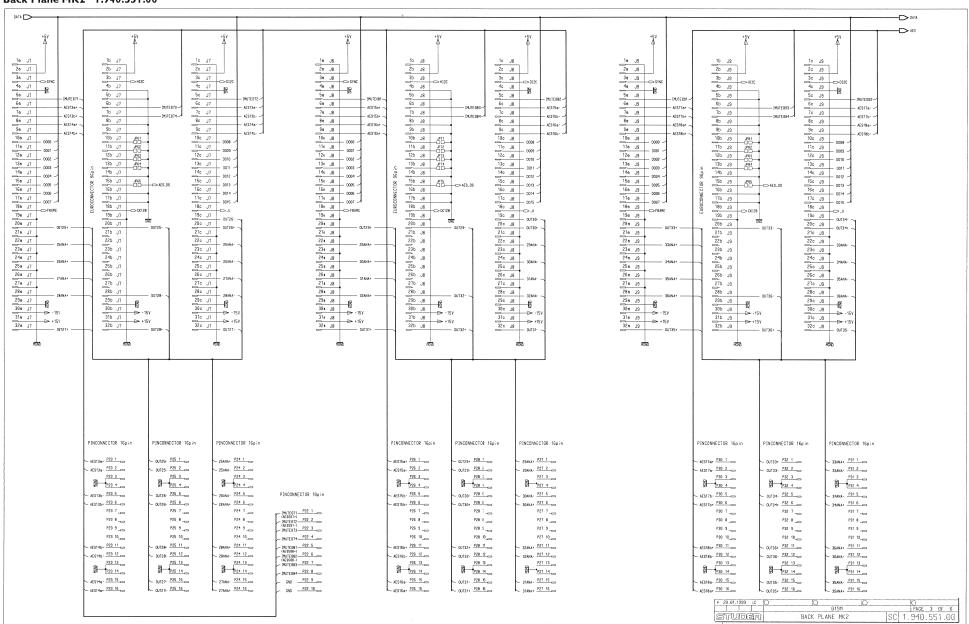
ix. Pos.	Part No.	Qty. Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description	ldx. Pos.	Part No.	Qty. Typ	e/Val. Desc	iption				
				0 JP 42	54.01.0020		P STIFT .63*.63, H=5.8/3.4	0 R 13	57.10.1681	680F		%, 0204				
D 1	50.04.0507	1N5402	D 1 N 5402,			1-P 1-P	P STIFT .63*.63, H=5.8/3.4 P STIFT .63*.63, H=5.8/3.4	0 R13	57.10.1681	6805		%, 0204 %. 0204				
D 2	50.04.0507	1N5402	D 1 N 5402,	0 JP 43	54.01.0020			0 R15	57.10.1661	680F		%, 0204 %, 0204				
				0 JP 44	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R 16	57.10.1681	680F		%, 0204 %, 0204				
DS 1	55.01.0168	8*a	SZ ,8*A, DIL	0 JP 45	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4									
DS 2	55.01.0168	8*a	SZ ,8*A, DIL	0 JP 46	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R 17	57.10.1471	470F		%, 0204				
				0 JP 47	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R 18	57.10.1681	680F	< N⊢, 1	%, 0204				
J1	1.940.550.01		MESSERLEISTE 96 pcl DIN 41612	0 JP 48	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4									
J 2	1.940.550.01		MESSERLEISTE 96 pcl DIN 41612					0 RZ 1	57.88.4471	470.			2%, SIP 9			
J3	1.940,550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 1	1.940.550.11		BACK PLANE PCB	0 RZ 2	57.88.4681	680.			2%, SIP 9			
J 4	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 2	1,940,550.04		NR. ETIKETTE 5 * 20	0 RZ 3	57.88.4471	470.	RZ 8	470 ,	2%, SIP 9			
J 5	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP3	54.01.0021	Jumper	0.63 * 0.63mm	0 RZ 4	57.88.4681	680.	RZ 8	* 680 .	2%, SIP 9			
J6	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP4	54.01.0021	Jumper	0.63 * 0.63mm	0 RZ 5	57.88.4471	470.	RZ 8	* 470 ,	2%, SIP 9			
			MESSERLEISTE 96 poi DIN 41612	0 MP5	54.01.0021	Jumper	0.63 * 0.63mm	0 RZ 6	57.88.4681	680.			2%, SIP 9			
J 7	1.940.550.01						0.63 * 0.63mm	0 RZ 7	57.88.4471	470.			2%, SIP 9			
J 8	1.940.550.01		MESSERLEISTE 96 poi DIN 41612		54.01.0021 54.01.0021	Jumper			57.88.4681	680.			2%, SIP 9			
J 9	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP7		Jumper	0.63 * 0.63mm	0 RZ 8	37.00.4001	000.	. 12 0	000 ,	276, 517 9			
J 10	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 MP8	54.01.0021	Jumper	0.63 * 0.63mm									
J 11	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 MP 9	54.01.0021	Jumper	0.63 * 0.63mm			E	End of List					
J 12	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 10	54.01.0021	Jumper	0.63 * 0.63mm	Comments								
J 13	1.940,550,01		MESSERLEISTE 96 pol DIN 41612	0 MP 11	54.01.0021	Jumper	0.63 * 0.63mm									
J 14	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 12	54.01.0021	Jumper	0.63 * 0.63mm	Plugs with lone	er solder pins re	quested, wire as	idded.					
J 15	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 13	54.01.0021	Jumper	0.63 * 0.63mm									
J 16	1.940.550.01		MESSERLEISTE 96 pol DIN 41612	0 MP 14	54.01.0021	Jumper	0.63 * 0.63mm									
J 17	54.02.0335	1p	P FLACH, 6.3*0.8, GERADE	0 MP 15	54.01.0021	Jumper	0.63 * 0.63mm									
			P FLACH, 6.3*0,8, GERADE P FLACH, 6.3*0,8, GERADE	0 MP 16	54.01.0021	Jumper	0.63 * 0.63mm									
J 18	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE P FLACH, 6.3*0.8, GERADE	0 MP 17	54.01.0021	Jumper	0.63 * 0.63mm									
J 19	54.02.0335	1p														
J 20	54.02.0320	1p	Flatpin, 2.8*0.8mm	0 MP 18	54.01.0021	Jumper	0.63 * 0.63mm									
J 21	54.02.0320	1p	Flatpin, 2.8*0.8mm													
J 22	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE	1 P1	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
J 23	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE	0 P2	not used	6p	1/20" Au, gerade, ohne Verrieg									
J 24	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE	0 P3	not used	6р	1/20" Au, gerade, ohne Verrieg									
J 25	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE	0 P4	not used	6p	1/20" Au, gerade, ohne Verrieg									
J 26	54.02.0335	10	P FLACH, 6.3*0,8, GERADE	0 P5	not used	60	1/20" Au, gerade, ohne Verrieg									
J 27	54.02.0335	1p	P FLACH, 6.3*0.8, GERADE	0 P6	not used	6р	1/20" Au, gerade, ohne Verrieg									
J 28	54.02.0335		P FLACH, 6.3*0,8, GERADE	0 P7	not used	6p	1/20" Au, gerade, ohne Verrieg									
		1p	P FLACH, 6.3*0.8, GERADE	0 P8	not used	6p	1/20" Au, gerade, ohne Verrieg									
J 29	54.02.0335	1p		0 P9	not used	6p	1/20" Au, gerade, ohne Verrieg									
J 30	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE	1 P10	54,14,2142	16p										
J 31	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE				1/20" Au, gerade, o Verr, 4mm									
J 32	54.02.0335	1p	P FLACH, 6.3*0,8, GERADE		54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
J 33	54.02.0335	1p	P FLACH, 6.3°0,8, GERADE	1 P 12	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
				1 P 13	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 1	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 14	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 2	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 15	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 3	54.01.0020	1-P	P STIFT .63*.63. H=5.8/3.4	1 P 16	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 4	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 17	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 5	54.01.0020	1-P	P STIFT .63*.63. H=5.8/3.4	1 P 18	54.14.2142	160	1/20" Au, gerade, o Verr, 4mm									
	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 19	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
		1-P	P STIFT 63*63 H=5.8/3.4	1 P 20	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
	54.01.0020			1 P 21	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 8	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 22	54.14.2142	16p										
JP 9	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4				1/20" Au, gerade, o Verr, 4mm									
JP 10	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 23	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 11	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 24	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 12	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 25	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 13	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 26	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 13 JP 14	54,01,0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 27	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 15	54.01.0020	1-P	P STIFT ,63*,63, H=5.8/3.4	1 P 28	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 15 JP 16	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 29	54,14,2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 17	54.01.0020	1-P	P STIFT .63*.63. H=5.8/3.4	1 P 30	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
		1-P	P STIFT .63*.63, H=5.8/3.4	1 P31	54 14 2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 18	54.01.0020		P STIFT .63*.63, H=5.8/3.4 P STIFT .63*.63, H=5.8/3.4	1 P32	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 19	54.01.0020	1-P		1 P32												
JP 20	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4		54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 21	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 34	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 22	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P35	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 23	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 36	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 24	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P 37	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 25	54,01,0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P38	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 26	54.01.0020	1-P	P STIFT .63*.63. H=5.8/3.4	1 P 39	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 27	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P40	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm									
JP 28	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	1 P41	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm									
		1-P	P STIFT .63*.63, H=5.8/3.4		V 17.2.171	.op	, to, gordon, o von, minn									
JP 29	54.01.0020			0 R1	57.10.1272	2k7	MF. 1%, 0204									
JP 30	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4													
JP 31	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R2	57.10.1272	2k7	MF, 1%, 0204									
JP 32	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R3	57.10.1471	470R	MF, 1%, 0204									
JP 33	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R4	57.10.1681	680R	MF, 1%, 0204									
	54,01,0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R5	57.10.1681	680R	MF, 1%, 0204									
	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R6	57.10.1471	470R	MF, 1%, 0204									
JP 34		1-P	P STIFT .63*.63, H=5.8/3.4	0 R7	57.10.1471	470R	MF, 1%, 0204									
JP 34 JP 35			P STIFT .63*.63, H=5.8/3.4 P STIFT .63*.63, H=5.8/3.4	0 R8	57.10.1471	470R	MF, 1%, 0204									
JP 34 JP 35 JP 36			r 511F1 .03°.03, H≅5.8/3.4	0 71 0												
JP 34 JP 35 JP 36 JP 37	54.01.0020	1-P		0 00	E7 40 4471		NATE AND DODA									
JP 34 JP 35 JP 36 JP 37 JP 38	54.01.0020 54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 R9	57.10.1471	470R	MF, 1%, 0204									
JP 34 JP 35 JP 36 JP 37 JP 38 JP 39	54.01.0020 54.01.0020 54.01.0020	1-P 1-P	P STIFT .63*.63, H=5.8/3.4	0 R 10	57.10.1471	470R	MF, 1%, 0204									
JP 34 JP 35 JP 36 JP 37 JP 38	54.01.0020 54.01.0020 54.01.0020 54.01.0020	1-P														



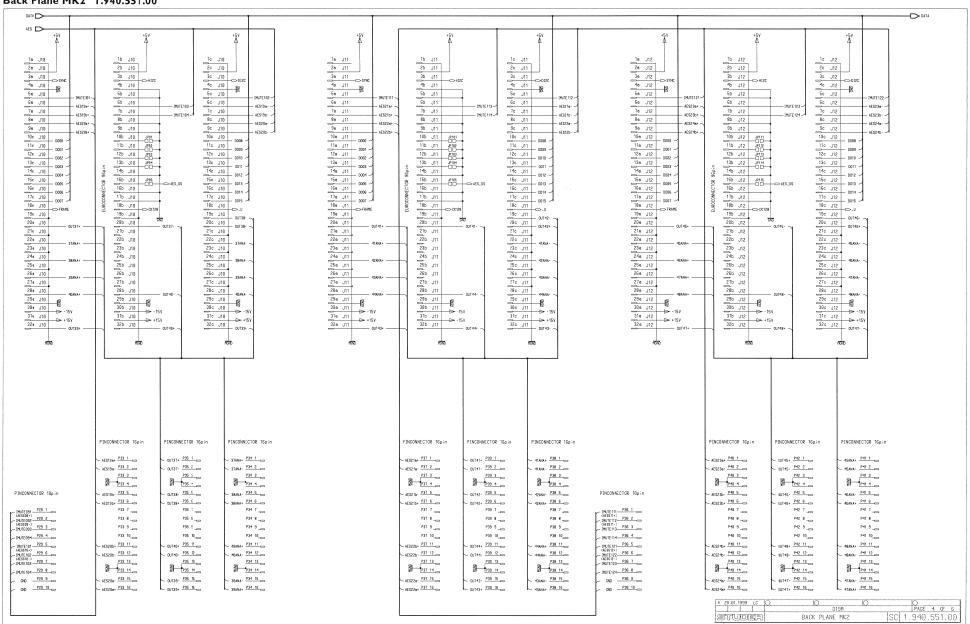
Back Plane MK2 1.940.551.00

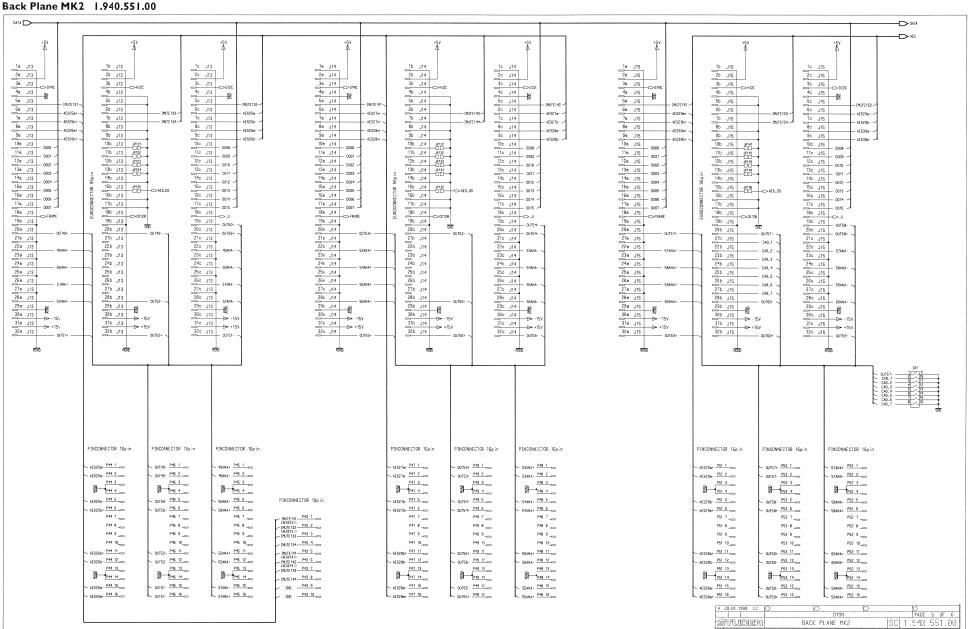


Back Plane MK2 1.940.551.00

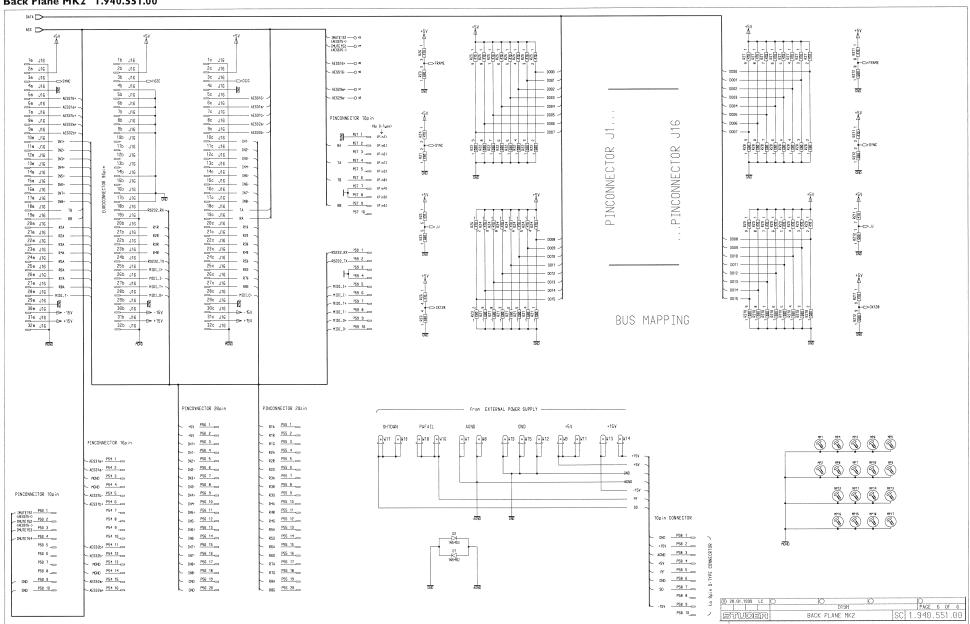


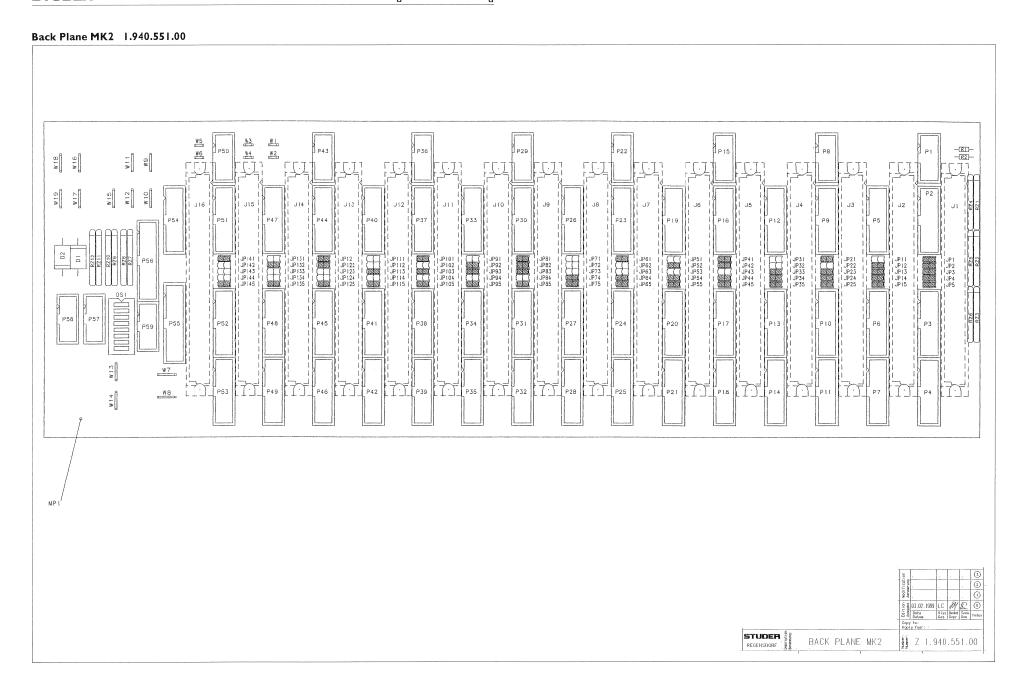
Back Plane MK2 1.940.551.00





Back Plane MK2 1.940.551.00







Back Plane MK2 1.940.551.00

ldx Pos.	Part No. Qtv.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
							P: 0.0000.00				APD Desires No. 200 Acc.
11	50.04.0507	1N5402	D 1 N 5402,	0 JP 124	54.01.0020 2 pcs		Pin 0.63*0.63	0 RZ 6	57.88.4471	470R	8*R Resistor-Netw 2% SIP9
2	50.04.0507	1N5402	D 1 N 5402,	0 JP 125	54.01.0020 2 pcs		Pin 0.63*0.63	0 RZ 7	57.88.4471	470R	8*R Resistor-Netw 2% SIP9
				0 JP 131	54.01.0020 2 pcs		Pin 0.63*0.63	0 RZ8	57.88.4681	680R	8*R Resistor-Netw 2% SIP9
DS 1	55.01.0168	8*a	SZ , 8*A, DIL	0 JP 132	54.01.0020 2 pcs		Pin 0.63*0.63	0 RZ9	57.88.4471	470R	8*R Resistor-Netw 2% SIP9
				0 JP 133	54,01.0020 2 pcs	1p	Pin 0.63*0.63	0 RZ 10	57.88.4681	680R	8*R Resistor-Netw 2% SIP9
J 1	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 JP 134	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 RZ 11	57.88.4471	470R	8*R Resistor-Netw 2% SIP9
J 2	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 JP 135	54.01.0020 2 pcs		Pin 0.63*0.63	0 RZ 12	57.88.4681	680R	8*R Resistor-Netw 2% SIP9
J3	1.940.550.01		MESSERLEISTE 96 pgi DIN 41612	0 JP 141	54.01.0020 2 pcs		Pin 0.63*0.63	0 112 12	07.00.4001	00011	
			MESSERLEISTE 96 poi DIN 41612	0 JP 141	54.01.0020 2 pcs		Pin 0.63*0.63	0 W 1	54.02.0320	1p	PCB-Flachst 2.8*0.8. gerade
J 4	1.940.550.01						Pin 0.63*0.63				
J 5	1,940.550.01		MESSERLEISTE 96 poi DIN 41612	0 JP 143	54.01.0020 2 pcs	1p		0 W 2	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
J 6	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 JP 144	54.01.0020 2 pcs		Pin 0.63*0.63	0 W3	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
J 7	1.940.550.01		MESSERLEISTE 96 poi DIN 41612	0 JP 145	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 W4	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
J 8	1.940.550.01		MESSERLEISTE 96 poi DIN 41612					0 W 5	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
J 9	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 MP1	1.940.551.11		BACK PLANE PCB	0 W6	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
J 10	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 MP 2	1.940.551.04		NR. ETIKETTE 5 * 20	0 W 7	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
J 11	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 MP3	54.01.0021 47 pcs	.lumper	0.63 * 0.63mm	0 W8	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
J 12	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 1811 0	04.01.00E1 11 poo			0 W9	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
	1.940.550.01		MESSERLEISTE 96 pp DIN 41612	0 P1	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm	0 W 10	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
J 13							1/20° Au, gerade, o Verr, 4mm				
J 14	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 P2	54.14.2142	16p		0 W 11	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
J 15	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 P3	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	0 W 12	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
J 16	1.940.550.01		MESSERLEISTE 96 po DIN 41612	0 P4	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	0 W 13	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
				0 P5	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	0 W 14	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
P 1	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P6	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	0 W 15	54.02.0335	10	PCB-Flachst 6.3*0.8, gerade
JP 2	54.01.0020 2 pcs		Pin 0.63*0.63	0 P7	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	0 W 16	54.02.0335	1p	PCB-Flachst 6.3*0.8. gerade
JP 3	54,01,0020 2 pcs		Pin 0.63*0.63	0 P8	54,14,2141	10p	1/20" Au, gerade, o Verr, 4mm	0 W 17	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
JP 4	54.01.0020 2 pcs		Pin 0.63*0.63	0 P9	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	0 VV 18	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
			Pin 0.63*0.63			16p	1/20" Au, gerade, o Verr, 4mm				PCB-Plachst 6.3 U.o. gerade
JP 5	54,01.0020 2 pcs			0 P 10	54.14.2142		1/20 Au, gerade, o verr, 4mm	0 W 19	54.02.0335	1p	PCB-Flachst 6.3*0.8, gerade
JP 11	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 11	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 12	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 12	54.14.2142	16¢	1/20" Au, gerade, o Verr, 4mm			End of List -	
JP 13	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 13	54.14.2142	16¢	1/20" Au, gerade, o Verr, 4mm				
JP 14	54.01.0020 2 pcs		Pin 0.63*0.63	0 P14	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm	Comments			
JP 15	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 15	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm	_			
JP 21	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 16	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 22	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 17	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
			Pin 0.63*0.63			16p	1/20" Au, gerade, o Verr, 4mm				
JP 23	54.01.0020 2 pcs			0 P 18	54.14.2142						
JP 24	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 19	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 25	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P 20	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 31	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 21	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 32	54.01.0020 2 pcs	10	Pin 0.63*0.63	0 P 22	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm				
JP 33	54.01.0020 2 pcs	10	Pin 0.63*0.63	0 P 23	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 34	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 24	54 14 2142	160	1/20" Au, gerade, o Verr, 4mm				
JP 35			Pin 0.63*0.63		54.14.2142	16p	1/20" Au, gerade, o Verr. 4mm				
	54.01.0020 2 pcs			0 P 25							
JP 41	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P 26	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 42	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 27	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 43	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P 28	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 44	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 29	54.14.2141	10p	1/20* Au, gerade, o Verr, 4mm				
JP 45	54.01.0020 2 pcs	1n	Pin 0.63*0.63	0 P30	54.14.2142	160	1/20" Au, gerade, o Verr, 4mm				
				0 P31	54.14.2142	160	1/20" Au. gerade, o Verr. 4mm				
JP 51	54.01.0020 2 pcs	1p	Pin 0.63*0.63		54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 52	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P 32			1/20" Au, gerade, o Verr, 4mm				
JP 53	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P33	54.14.2142	16p					
JP 54	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 34	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 55	54.01.0020 2 pcs		Pin 0.63*0.63	0 P35	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
			Pin 0.63*0.63	0 P 36	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm				
JP 61	54.01.0020 2 pcs	1p		0 P 37	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 62	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P38	54.14.2142	160	1/20" Au, gerade, o Verr, 4mm				
JP 63	54.01.0020 2 pcs		Pin 0.63*0.63		54.14.2142	160	1/20" Au, gerade, o Verr, 4mm				
JP 64	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 P 39							
JP 65	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 40	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 71	54.01.002C 2 pcs		Pin 0.63*0.63	0 P41	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
			Pin 0.63*0.63 Pin 0.63*0.63	0 P 42	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 72	54.01.002C 2 pcs			0 P43	54.14.2141	100	1/20" Au, gerade, o Verr, 4mm				
JP 73	54.01.002C 2 pcs		Pin 0.63*0.63	0 P43	54.14.2141	16p	1/20" Au, gerade, o Verr, 4mm				
JP 74	54.01.0020 2 pcs	1p	Pin 0.63*0.63								
JP 75	54.01.002C 2 pcs		Pin 0.63*0.63	0 P 45	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 81	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 46	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 47	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 82				0 P48	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 83	54.01.0020 2 pcs		Pin 0.63*0.63	0 P49	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 84	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 50	54.14.2141	100	1/20" Au, gerade, o Verr, 4mm				
JP 85	54.01.0020 2 pcs	1p	Pin 0.63*0.63								
JP 91	54.01.0020 2 pcs	10	Pin 0.63*0.63	0 P51	54.14.2142	16p	1/20° Au, gerade, o Verr, 4mm				
JP 92	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 52	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 53	54.14.2142	16p	1/20" Au, gerade, o Verr, 4mm				
JP 93 JP 94			Pin 0.63*0.63	0 P 54	54.14.2142	160	1/20" Au, gerade, o Verr, 4mm				
JP 94	54.01.0020 2 pcs			0 P 55	54.14.2143	20p	1/20" Au, gerade, o Verr, 4mm				
JP 95	54.01.0020 2 pcs		Pin 0.63*0.63	0 P56	54 14 2143	20p	1/20" Au, gerade, o Verr, 4mm				
JP 101	54.01.0020 2 pcs	1p	Pin 0.63*0.63								
JP 102	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 57	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm				
JP 103	54.01.0020 2 pcs		Pin 0.63*0.63	0 P 58	54.14.2141	10p	1/20" Au, gerade, o Verr, 4mm				
JP 103 JP 104	54.01.0020 2 pcs		Pin 0.63 0.63	0 P 59	54.14.2141	100	1/20" Au, gerade, o Verr, 4mm				
			Pin 0.63*0.63				*				
JP 105	54.01.0020 2 pcs			0 R1	57.10.1272	2k7	MF. 1% 0204				
JP 111	54.01.0020 2 pcs		Pin 0.63*0.63	0 R2	57.10.1272	2k7	MF, 1%, 0204				
JP 112	54.01.0020 2 pcs		Pin 0.63*0.63	U R2	07.10.1272	411	m, 174,0004				
	54.01.0020 2 pcs	1p	Pin 0.63*0.63				40 B N				
JP 113	54.01.0020 2 pcs		Pin 0.63*0.63	0 RZ 1	57.88.4681	68)R	8*R Resistor-Netw 2% SIP9				
JP 113					57.88.4681	683R	8*R Resistor-Netw 2% SIP9				
JP 114			Pin 0 63*0 63	0 RZ 2	37,00.4001						
JP 114 JP 115	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 RZ2	57.88.4681	683R	8*R Resistor-Netw 2% SIP9				
JP 114 JP 115 JP 121	54.01.0020 2 pcs 54.01.0020 2 pcs	1p 1p	Pin 0.63*0.63	0 RZ3	57.88.4681						
JP 114 JP 115	54.01.0020 2 pcs	1p 1p 1p				683R	8*R Resistor-Netw 2% SIP9				

POWER SUPPLY UNITS

General

For the power supply of the D19m frames, standard 19" units with power factor correction are used, equipped with a Studer front panel (earlier version: see next page).

Studer Part No.	Description
1.940.606.00	Power Supply 5 V/16 A
1.940.607.00	Power Supply ±15 V/3.5 A



Important

As the power supply units are safety-relevant parts, they may be serviced only by authorized personnel using original spare parts.

For replacement or repair, contact your nearest Studer representative.

Specifications

Mains Voltage 88...264 V

Mains Frequency 45...65 Hz

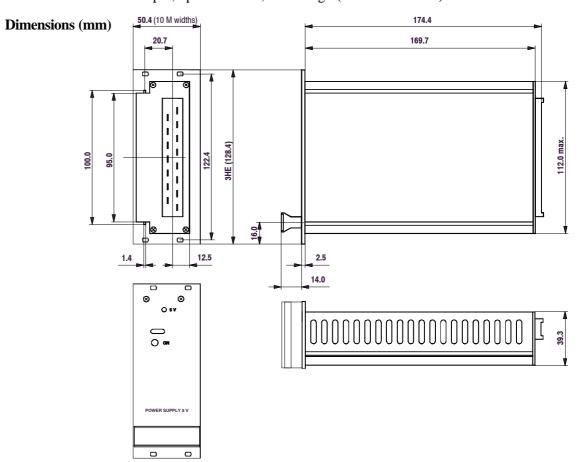
Efficiency > 77%

Output Power 100 W total

Output(s) Short-circuit protected, main output(s) overload protected (110%)

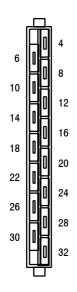
Power Down (Logic Inhibit) Control input, 4...15 V_{DC}, max. 15 mA, active high

Power Fail Output, open collector, active high (max. 30 V/1 mA)





Pin Assignment



Pin	Single Output (1.940.606.00)	Dual Output (1.940.607.00)
4	+5 V	n.c.
6	GND	n.c.
8	Sense GND	n.c.
10	Sense +	n.c.
12	+5 V	+15 V
14	GND	GND
16	n.c.	GND
18	n.c.	–15 V
20	Logic inhibit	Logic inhibit
22	Common	Common
24	Power fail	Power fail
26	n.c.	n.c.
28	AC live	AC live
30	AC neutral	AC neutral
32	AC Protective Earth	AC Protective Earth

Connections

Current Version:

The current versions of the 3U frames use one *power supply unit* 1.940.606 (+5 V) and 1.940.607 (±15 V) each, together with one of the *Supply Boards* 1.940.410 (single frame), 1.940.411 (frame with redundant supply output), or 1.940.412 (frame with redundant supply input).

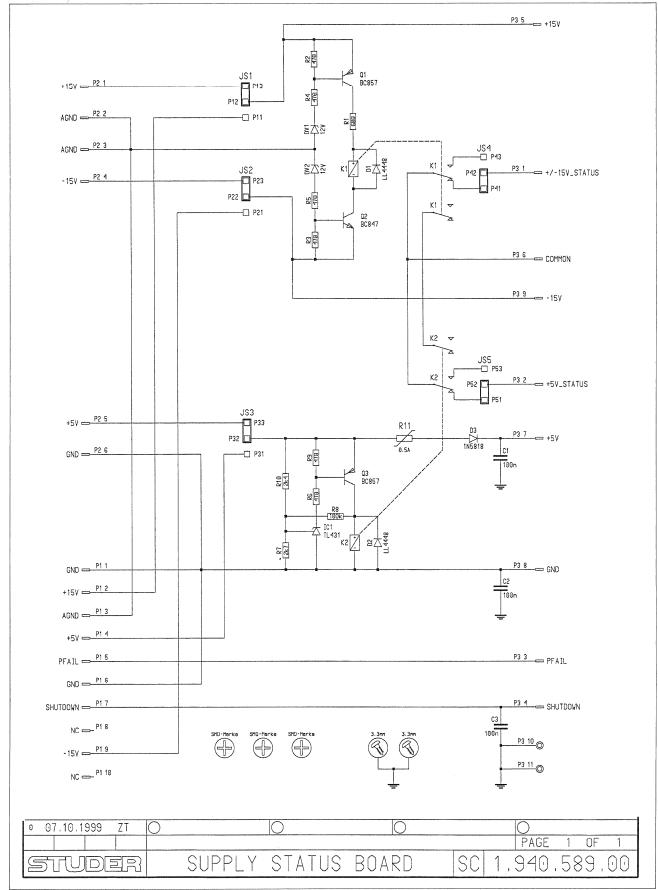
Earlier Version:

In earlier versions of the 3U frames, one *power supply unit* 1.940.601 (+5 V) and 1.940.602 (\pm 15 V) each was used. For connection, a *Supply Status Board* (1.940.589 or 1.940.593) was used, together with one *Power Distributor* +5/24 V w. *Diode PCB* (1.940.624), and one *Power Distributor* \pm 15 V w. *Diode PCB* (1.940.623).



Supply Status Board 1.940.589.00

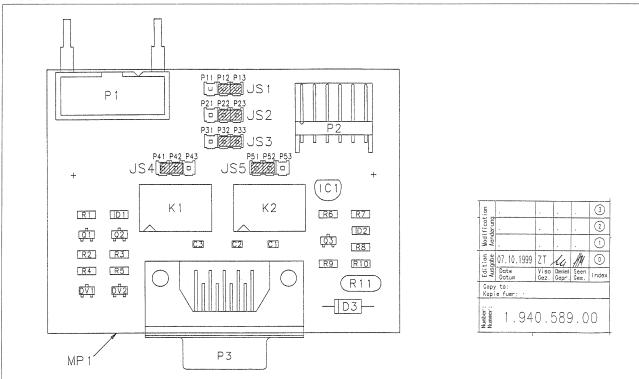








Supply Status Board 1.940.589.00

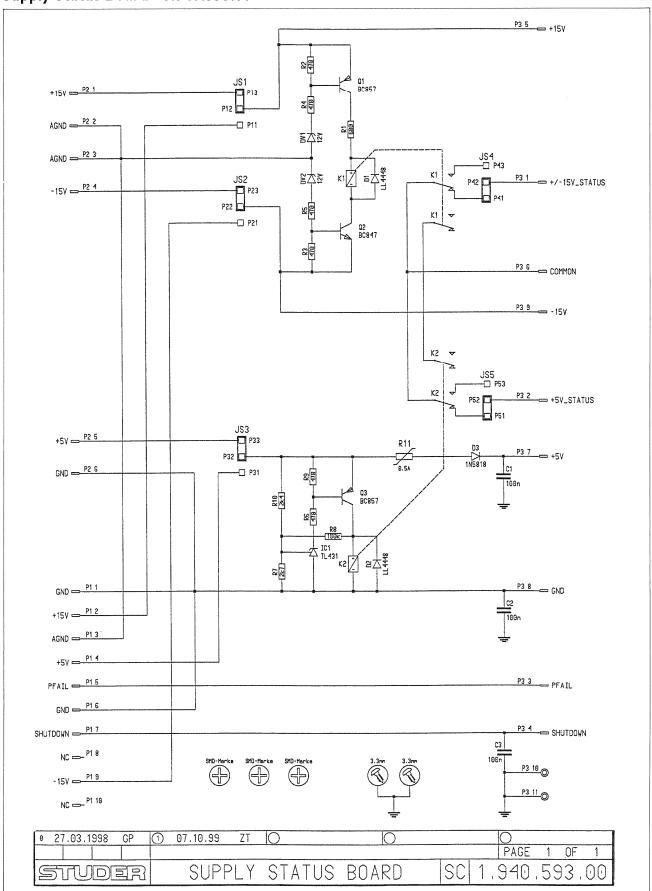


ldx	Pos.	Part No.	Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
_				400	OFF FOULTON AND OPPO	0	R 2	57.60,1471		470R	MF, 1%, 0204, E24
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R3	57.60.1471		470R	MF, 1%, 0204, E24
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R4	57.60.1471		470R	MF, 1%, 0204, E24
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 5	57.60.1471		470R	MF, 1%, 0204, E24
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80	0	R6	57.60.1471		470R	MF, 1%, 0204, E24
0	D 2	50,60,8001		4448	200mA 75V 4ns SOD 80	0	R7	57.60.1272		2K7	MF, 1%, 0204, E24
0	D 3	50.04.0512		1N5818	D 1N 5818, 1N 5819,	0	R8	57.60.1104		100K	MF, 1%, 0204, E24
						0	R9	57,60.1471		470R	MF, 1%, 0204, E24
0	DV 1	50.60.9019		12V	5%, 0.2W, SOT 23	0	R 10	57.60.1242		2K4	MF, 1%, 0204, E24
0	DV 2	50.60.9019		12V	5%, 0.2W, SOT 23	0	R 11	57.92.7013		0.5A	PTC 60V
0	IC 1	50.10.0106		TL431	Shunt regulator	·		07.52.7010		0.071	110 300
0	JS 1	54.01.0021		Jumper	0.63 * 0.63mm	-				End of Li	st
0	JS 2	54.01.0021		Jumper	0.63 * 0.63mm	Cor	nments				
0	JS 3	54.01.0021		Jumper	0.63 * 0.63mm						
0	JS 4	54.01.0021		Jumper	0.63 * 0.63mm						
0	JS 5	54.01.0021		Jumper	0.63 * 0.63mm						
0	K 1	56.04.0197		2u	24V 125V 2A Ag/Au						
0	K 2	56.04.0198		2u	5V 125V 2A Ag/Au						
0	MP 1	1.940.589.11	mp		SUPPLY STATUS PCB						
0	MP 2	1.940.589.10	mp		NrEtikette 5 * 20						
0	MP 3	43.01.0108	mp	Label	ESE-WARNSCHILD						
0	P 1	54.14.2101		10p	P STECKER 10 P,AU,VR,GERADE						
0	P 2	54.12.0726		6p	Stecker winkel PCB						
0	P 3	54.13.0071		9p	D-Sub, PCB, Winkel						
0	P 11	54.01.0020		1p	Pin 0.63*0.63						
0	P 12	54.01.0020		1p	Pin 0.63*0.63						
0	P 13	54.01.0020		1p	Pin 0.63*0.63						
0	P 21	54.01.0020		1p	Pin 0.63*0.63						
0	P 22	54.01.0020		1p	Pin 0.63*0.63						
0	P 23 P 31	54.01.0020 54.01.0020		1p	Pin 0.63*0.63						
0	P 31	54.01.0020		1p 1p	Pin 0.63*0.63						
0	P 33	54.01.0020		1p 1p	Pin 0.63*0.63 Pin 0.63*0.63						
0	P 41	54.01.0020		1p 1p	Pin 0.63*0.63						
0	P 42	54.01.0020		1p 1p	Pin 0.63*0.63						
0	P 43	54.01.0020		1p	Pin 0.63*0.63						
0	P 51	54.01.0020		1p	Pin 0.63*0.63						
0	P 52	54.01.0020		1p	Pin 0.63*0.63						
0	P 53	54.01.0020		1p	Pin 0.63*0.63						
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23						
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23						
0	Q 3	50.60.1001		BC857B	PNP 45V 100mA SOT 23						
0.	R 1	57.60.1681		680R	MF, 1%, 0204, E24						



A

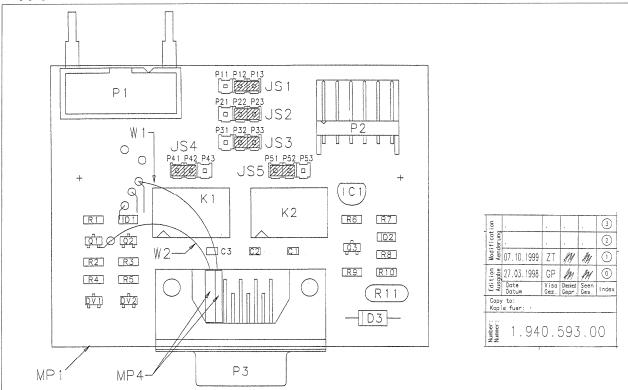
Supply Status Board 1.940.593.00







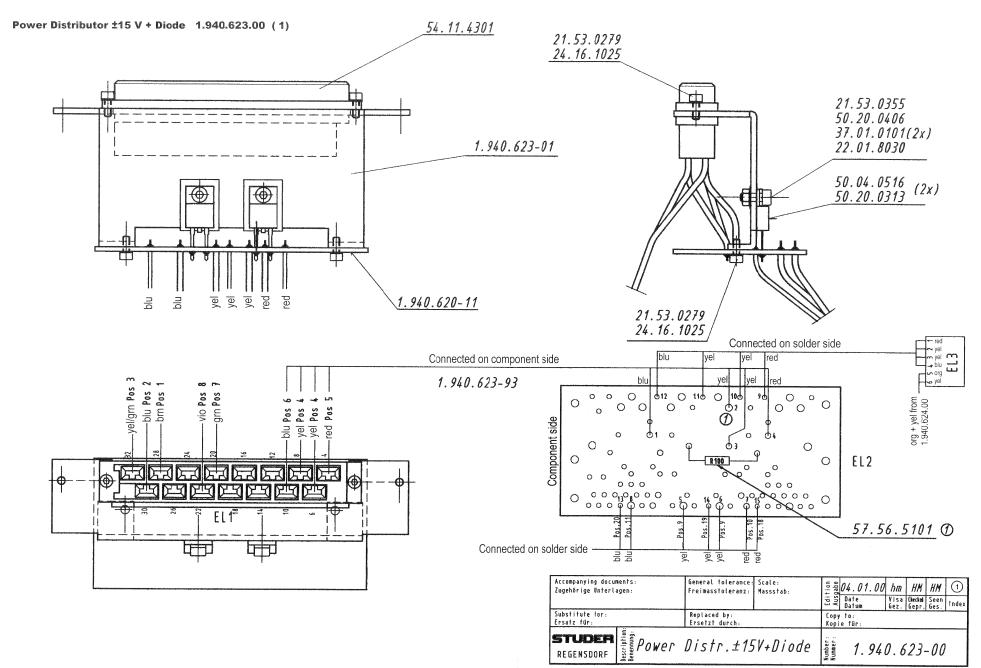
Supply Status Board 1.940.593.00

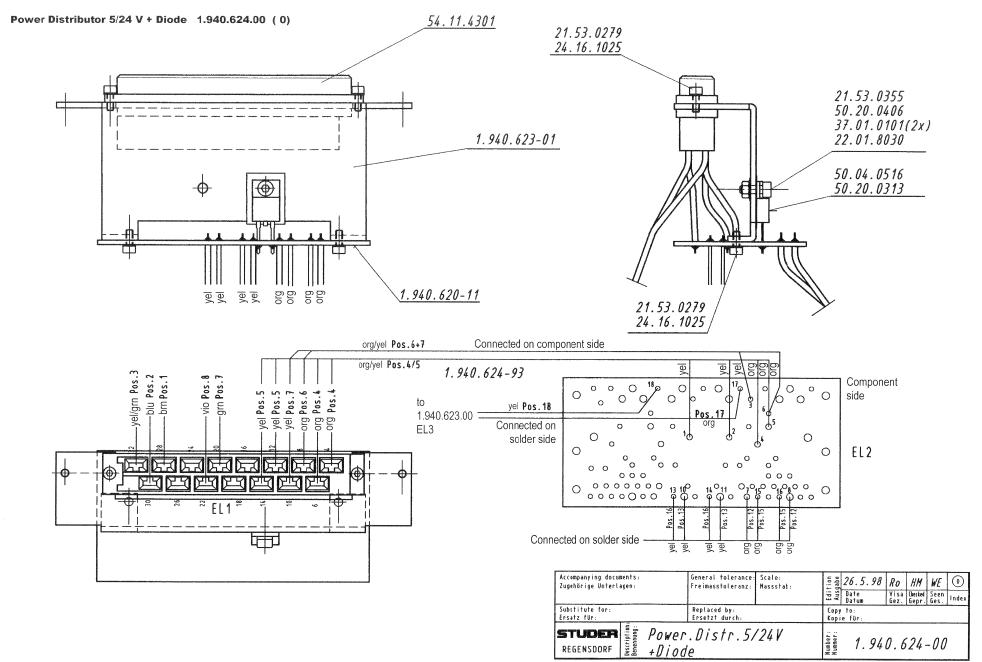


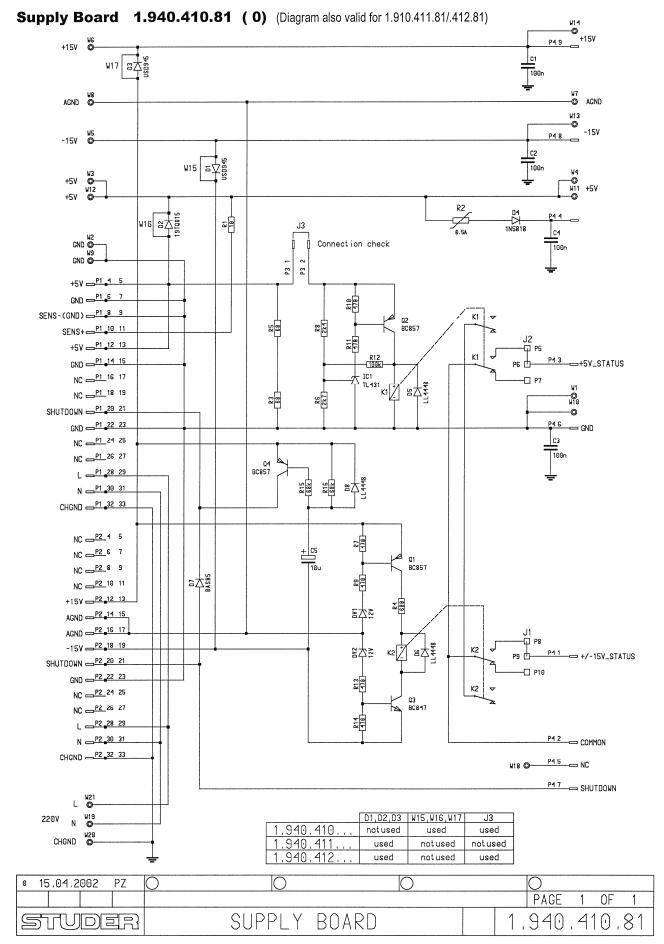
ldx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	DV 1	50.60.9019		12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019		12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106		TL431	Shunt regulator
0	JS 1	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 2	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 3	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 4	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 5	54.01.0021		Jumper	0.63 * 0.63mm
0	K 1	56.04.0197		2u	24V 125V 2A Ag/Au
0	K 2	56.04.0198		2u	5V 125V 2A Ag/Au
0	MP 1	1.940.593.11	mp		SUPPLY STATUS PCB
0	MP 2	1.940.593.04	mp		NrEtikette 5 * 20
0	MP 3	43.01.0108	mp	Label	ESE-WARNSCHILD
1	MP 4	1.010.107.65	2 pcs	2.4*10	Schrumpf-Schlauch bl
1	MP 5	43.10.0110		Α	Revisions-Etikette 5mm h'blau
0	P 1	54.14.2101		10p	P STECKER 10 P.AU, VR. GERADE
0	P 2	54.12.0726		6р	Stecker winkel PCB
0	P 3	54.13.0071		9p	D-Sub, PCB, Winkel
0	P 11	54.01.0020		1p	Pin 0.63*0.63
0	P 12	54.01.0020		1p	Pin 0.63*0.63
0	P 13	54.01.0020		1p	Pin 0.63*0.63
0	P 21	54.01.0020		1p	Pin 0.63*0.63
0	P 22	54.01.0020		1p	Pin 0.63*0.63
0	P 23	54.01.0020		1p	Pin 0.63*0.63
0	P 31	54.01.0020		1p	Pin 0.63*0.63
0	P 32	54.01.0020		1p	Pin 0.63*0.63
0	P 33	54.01.0020		1p	Pin 0.63*0.63
0	P 41	54.01.0020		1p	Pin 0.63*0.63
0	P 42	54.01.0020		1p	Pin 0.63*0.63
0	P 43	54.01.0020		1p	Pin 0.63*0.63
0	P 51	54.01.0020		1p	Pin 0.63*0.63
0	P 52 P 53	54.01.0020 54.01.0020		1p 1p	Pin 0.63*0.63 Pin 0.63*0.63
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 3	50.60.1001		BC857B	PNP 45V 100mA SOT 23

dx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 1	57.60.1681		680R	MF, 1%, 0204, E24
0	R 2	57.60.1471		470R	MF, 1%, 0204, E24
0	R 3	57.60.1471		470R	MF, 1%, 0204, E24
0	R 4	57.60.1471		470R	MF, 1%, 0204, E24
0	R 5	57.60.1471		470R	MF, 1%, 0204, E24
0	R 6	57.60.1471		470R	MF, 1%, 0204, E24
0	R 7	57.60.1272		2K7	MF, 1%, 0204, E24
0	R 8	57.60.1104		100K	MF, 1%, 0204, E24
0	R 9	57,60,1471		470R	MF, 1%, 0204, E24
0	R 10	57.60.1242		2K4	MF, 1%, 0204, E24
0	R 11	57.92.7013		0.5A	PTC 60V
1	W 1	1.169.200.70			LITZE SW 70MM
1	W 2	1.169.200.70			LITZE SW 70MM

Comments (ldx1) Additional: MP4,MP5,W1,W2

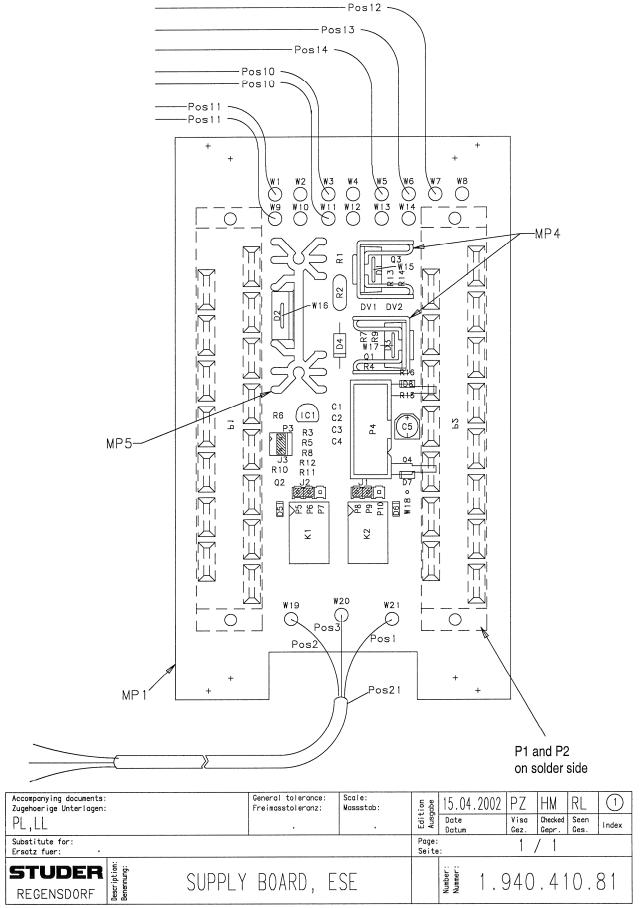








Supply Board 1.940.410.81 (1)



Description

ldx. Pos.

Part No. Qty. Type/Val.

Supply Board 1.940.410.81 (1)

Page: 1 of 1

dx.	Pos.	Part No. Qty.	Type/Val.	Description
0	C 1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.68.0109 1 pce	10u	EL 35V, 5.0*5.7
0	D 1	not used 1 pce	USD945	Schottky Rect 16A, 45V
0	D 2	not used 1 pce	19TQ015	19A 15V Schottky, TO 220
0	D 3	not used 1 pce	USD945	Schottky Rect 16A, 45V
0	D 4	50.04.0512 1 pce	1N5818	D 1N 5818, 1N 5819,
0	D 5	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8101 1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 8	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
0	DV 1	50.60.9019 1 pce	12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019 1 pce	12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106 1 pce	TL431	Shunt regulator
0	J 1	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au
0	J 2	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au
0	J 3	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au
0	K 1	56.04.0198 1 pce	2*u	5V 125V 2A Ag/Au
0	K 2	56.04.0197 1 pce	2*u	24V 125V 2A Ag/Au
0	LL 1	1.940.410.93 1 pce		LL Supply Board
1	MP 1	1.940.410.12 1 pce		Supply Board PCB
0	MP 2	1.940.410.10 1 pce		Nr. Etikette
0	MP 3	43.01.0108 1 pce	Label	ESE-WARNSCHILD
0	MP 4	not used 2 pcs		Kühlkörper, TO 220, vertikal
0	MP 5	not used 1 pce		Kühlkörper, TO 220, vertikal
0	P 1	54.11.4307 1 pce	15p	EU-H, Action pin
0	P 2	54.11.4307 1 pce	15p	EU-H, Action pin
0	P 3	54.12.0702 1 pce	2p	Stecker gerade PCB
0	P 4	54.14.2101 1 pce	10p	1/20" Au, gerade, Verrieg
0	P 5	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0	P 7	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0	P 8	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0	P 9	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0	P 10	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0	Q 1	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 3	50.60.0001 1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 4	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23
0	R1	57.60.1100 1 pce	10R	MF, 1%, 0204, E24
0	R 2	57.92.7013 1 pce	0.5A	PTC 60V
0	R3	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0	R4	57.60.1680 1 pce	680R	MF, 1%, 0204, E24
0	R 5	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0	R6	•	2k7	MF, 1%, 0204, E24
		57.60.1272 1 pce		
0	R7	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
0	R8	57.60.1242 1 pce	2k4	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 9	57.60.1471 1 pce	470R	
0	R 10	57.60.1471 1 pce	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 11	57.60.1471 1 pce	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 12	57.60.1104 1 pce	100k	
0	R 13	57.60.1471 1 pce	470R 470R	MF, 1%, 0204, E24
-	R 14	57.60.1471 1 pce		MF, 1%, 0204, E24
0	R 15	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
0	R 16	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
0	W 15 W 16	1.010.321.64 1 pce 1.010.321.64 1 pce	Wire Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6 DRAHTBRUECKE U, 4.3* 5.0, 0.6

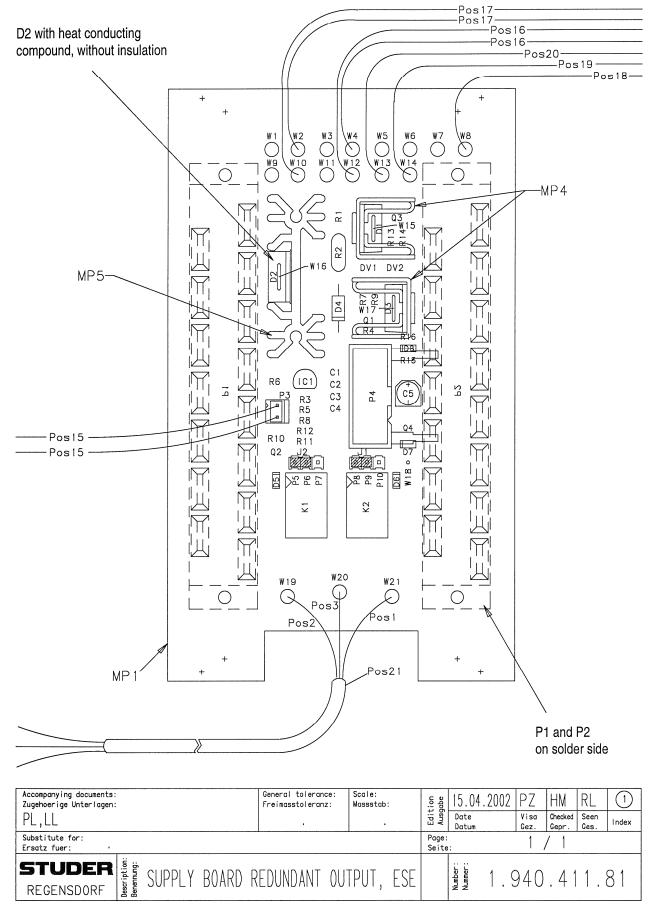
End of List

Date printed: 25.09.02

^[81] Supply-snoober added as add-on: D8, C5, Q4, R15, R16, (01) PCB redesign to eliminate add-on



Supply Board, Redundant Output 1.940.411.81 (1)



STUDER

Supply Board, Redundant Output 1.940.411.81 (1)

Page: 1 of 1

		•		•	•			• ,		
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805					
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805					
0	C 5	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7					
0	D 1	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V					
0	D 2	50.04.0529	1 pce	19TQ015	19A 15V Schottky, TO 220					
0	D 3	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V					
0	D 4	50.04.0512	1 pce	1N5818	D 1N 5818, 1N 5819,					
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80					
0	D 6	50.60.8001		4448	200mA 75V 4ns SOD 80					
	D 7	50.60.8101		BAS85	200mA 30V Schottky SOD 80					
0	D 8	50.60.8001		4448	200mA 75V 4ns SOD 80					
0	DV 1	50.60.9019		12V	5%, 0.2W, SOT 23					
0	DV 2	50.60.9019		12V	5%, 0.2W, SOT 23					
0	IC 1	50.10.0106		TL431	Shunt regulator					
0	J 1	54.01.0021		Jumper	0.63*0.63mm, Au					
	J 2	54.01.0021		Jumper	0.63*0.63mm, Au					
	K 1	56.04.0198		2*u	5V 125V 2A Ag/Au					
0	K 2	56.04.0197	1 pce	2*u	24V 125V 2A Ag/Au					
0	LL 1	1.940.411.93			LL Supply Board red Output					
1	MP 1 MP 2	1.940.410.12			Supply Board PCB Nr. Etikette					
0	MP 3	1.940.411.10		Label	ESE-WARNSCHILD					
0	MP 4	43.01.0108 50.20.3011		Labei	Kühlkörper, TO 220, vertikal					
0	MP 5	50.20.3011			Kühlkörper, TO 220, vertikal					
-	P1	54.11.4307		15p	EU-H, Action pin					
	P 2	54.11.4307		15p	EU-H, Action pin					
	P 3	54.12.0702		2p	Stecker gerade PCB					
0	P 4	54.14.2101		10p	1/20" Au, gerade, Verrieg					
0	P 5	54.01.0020		1p	Pin, 1reihig, gerade					
0	P 6	54.01.0020		1p	Pin, 1reihig, gerade					
0	P 7	54.01.0020		1p	Pin, 1reihig, gerade					
	P 8	54.01.0020		1p	Pin, 1reihig, gerade					
0	P 9	54.01.0020		1p	Pin, 1reihig, gerade					
0	P 10	54.01.0020		1p	Pin, 1reihig, gerade					
0	Q 1	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23					
0	Q 2	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23					
0	Q 3	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23					
0	Q 4	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23					
0	R 1	57.60.1100	1 pce	10R	MF, 1%, 0204, E24					
0	R 2	57.92.7013	1 pce	0.5A	PTC 60V					
0	R 3	57.60.1680	1 pce	68R	MF, 1%, 0204, E24					
0	R 4	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0	R 5	57.60.1680	1 pce	68R	MF, 1%, 0204, E24					
0	R 6	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24					
0	R 7	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0	R 8	57.60.1242	1 pce	2k4	MF, 1%, 0204, E24					
	R 9	57.60.1471		470R	MF, 1%, 0204, E24					
	R 10	57.60.1471		470R	MF, 1%, 0204, E24					
	R 11	57.60.1471		470R	MF, 1%, 0204, E24					
	R 12	57.60.1104		100k	MF, 1%, 0204, E24					
	R 13	57.60.1471		470R	MF, 1%, 0204, E24					
	R 14	57.60.1471		470R	MF, 1%, 0204, E24					
0	R 15	57.60.1683		68k	MF, 1%, 0204, E24					
0	R 16	57.60.1683		68k	MF, 1%, 0204, E24					
0	W 15	not used		Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6					
0	W 16	not used		Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6					
0	W 17	not used	1 рсе	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6					

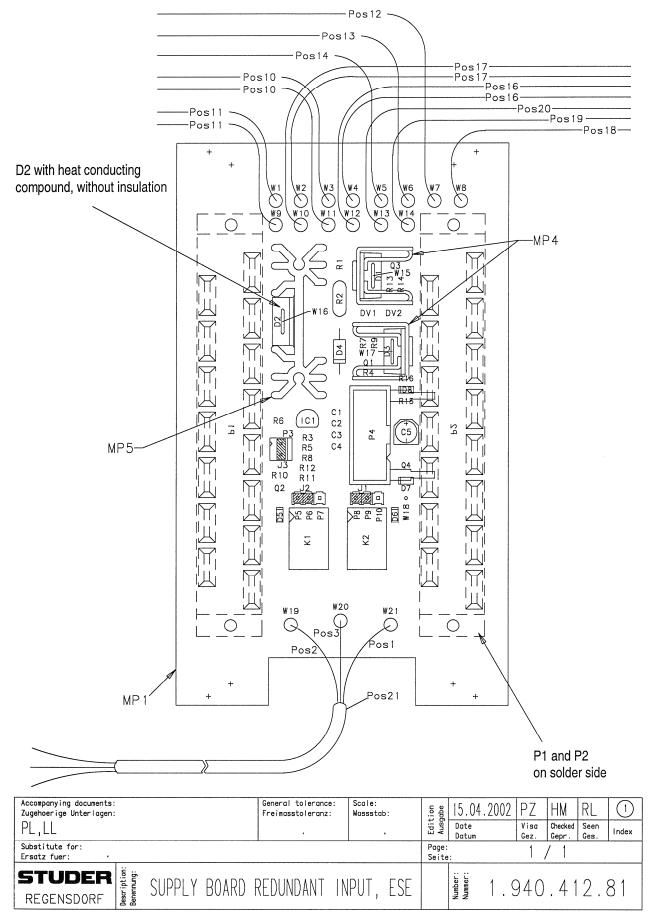
End of List

[81] Supply-snoober added as add-on: D8, C5, Q4, R15, R16, (01) PCB redesign to eliminate add-on

Date printed: 25.09.02



Supply Board, Redundant Input 1.940.412.81 (1)



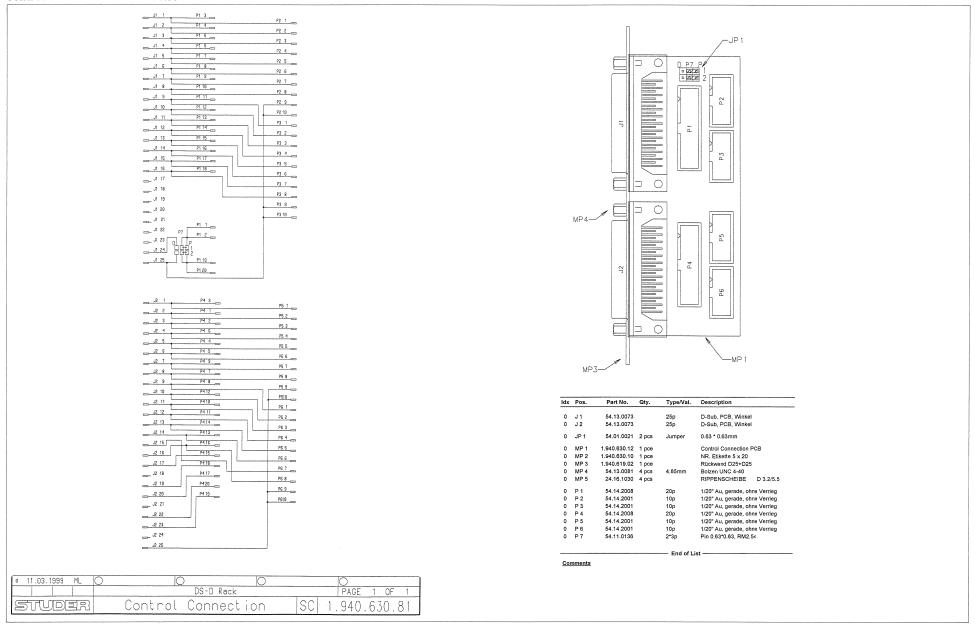
Supply Board, Redundant Input 1.940.412.81 (1)

Page: 1 of 1

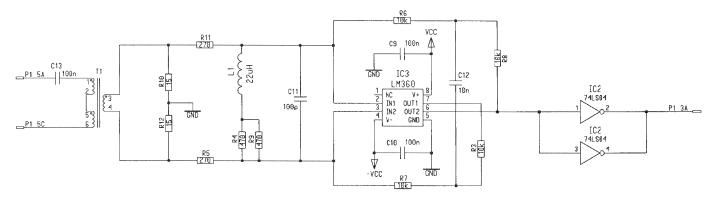
~	Phia		,		iddiit iiipdt				• /			3 -	. 1 01
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description		ldx. Pos.	Part No.	Qty.	Type/Val.	Description		
0	C 1	59.60.3337	l pce	100n	CER 50V, 10%, X7R, 0805								
0	C 2	59.60.3337	pce	100n	CER 50V, 10%, X7R, 0805								
0	C 3	59.60.3337	pce	100n	CER 50V, 10%, X7R, 0805								
0	C 4	59.60.3337	l pce	100n	CER 50V, 10%, X7R, 0805								
0	C 5	59.68.0109	l pce	10u	EL 35V, 5.0*5.7								
٥	ח 1	50.04.0516	l pce	LISD945	Schottky Rect 16A, 45V								
0	D 2	50.04.0529	pce	19TQ015	19A 15V Schottky, TO 220								
0	D 3	50.04.0516	pce	USD945	Schottky Rect 16A, 45V								
0	D 4	50.04.0512	pce	1N5818	D 1N 5818, 1N 5819,								
0	D 5	50.60.8001	pce	4448	200mA 75V 4ns SOD 80								
0	D 6	50.60.8001	pce	4448	200mA 75V 4ns SOD 80								
0	D 7	50.60.8101	pce	BAS85	200mA 30V Schottky SOD 80								
0	D 8	50.60.8001	pce	4448	200mA 75V 4ns SOD 80								
0	DV 1	50.60.9019	pce	12V	5%, 0.2W, SOT 23								
0	DV 2	50.60.9019	pce	12V	5%, 0.2W, SOT 23								
0	IC 1	50.10.0106	pce	TL431	Shunt regulator								
0	J 1	54.01.0021	pce	Jumper	0.63*0.63mm, Au								
0	J 2	54.01.0021	pce	Jumper	0.63*0.63mm, Au								
0	J 3	54.01.0021	pce	Jumper	0.63*0.63mm, Au								
0	K 1	56.04.0198	pce	2*u	5V 125V 2A Ag/Au								
0	K 2	56.04.0197	pce	2*u	24V 125V 2A Ag/Au								
		1.940.412.93			LL Supply Board red Input								
1	MP 1 1	1.940.410.12	pce		Supply Board PCB								
		1.940.412.10			Nr. Etikette								
	MP 3	43.01.0108		Label	ESE-WARNSCHILD								
	MP 4	50.20.3011			Kühlkörper, TO 220, vertikal								
	MP 5	50.20.3012			Kühlkörper, TO 220, vertikal								
	P 1	54.11.4307		15p	EU-H, Action pin								
	P 2	54.11.4307		15p	EU-H, Action pin								
	P 3	54.12.0702		2р	Stecker gerade PCB								
	P 4	54.14.2101		10p	1/20" Au, gerade, Verrieg								
	P 5	54.01.0020		1p	Pin, 1reihig, gerade								
	P 6	54.01.0020		1p	Pin, 1reihig, gerade								
	P 7	54.01.0020		1p	Pin, 1reihig, gerade								
	P 8	54.01.0020		1p	Pin, 1reihig, gerade								
	P 9	54.01.0020		1p	Pin, 1reihig, gerade								
	P 10	54.01.0020		1p	Pin, 1reihig, gerade								
	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23								
	Q 2	50.60.1001		BC857B	PNP 45V 100mA SOT 23								
	Q 3	50.60.0001		BC847B	NPN 45V 100mA SOT 23								
	Q 4	50.60.1001		BC857B	PNP 45V 100mA SOT 23								
	R1	57.60.1100		10R	MF, 1%, 0204, E24								
	R 2	57.92.7013		0.5A	PTC 60V								
	R3	57.60.1680		68R	MF, 1%, 0204, E24								
	R 4	57.60.1681		680R	MF, 1%, 0204, E24								
	R 5	57.60.1680		68R	MF, 1%, 0204, E24								
0	R 6	57.60.1272		2k7	MF, 1%, 0204, E24								
	R 7	57.60.1471		470R	MF, 1%, 0204, E24								
	R 8	57.60.1242		2k4	MF, 1%, 0204, E24								
	R 9	57.60.1471		470R	MF, 1%, 0204, E24								
	R 10	57.60.1471		470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24								
	R 11	57.60.1471		470R 100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24								
0	R 12	57.60.1104 57.60.1471		100k 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24								
	R 13 R 14	57.60.1471		470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24								
	R 15	57.60.1471		68k	MF, 1%, 0204, E24								
	R 16	57.60.1683		68k	MF, 1%, 0204, E24								
	W 15	not used		Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6	;							
	W 16	not used		Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6								
	W 17	not used		Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6								
0													

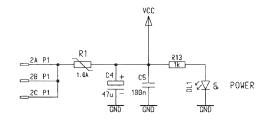
^[81] Supply-snoober added as add-on: D8, C5, Q4, R15, R16, (01) PCB redesign to eliminate add-on

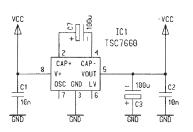
Control Connection 1.940.630.81

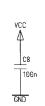


Sync Receiver 1.940.557.00 (0)

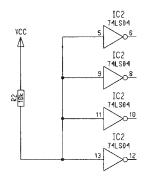


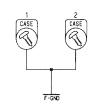


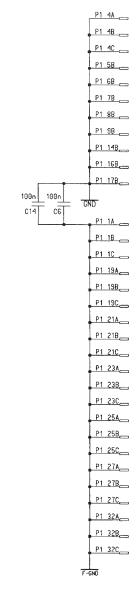






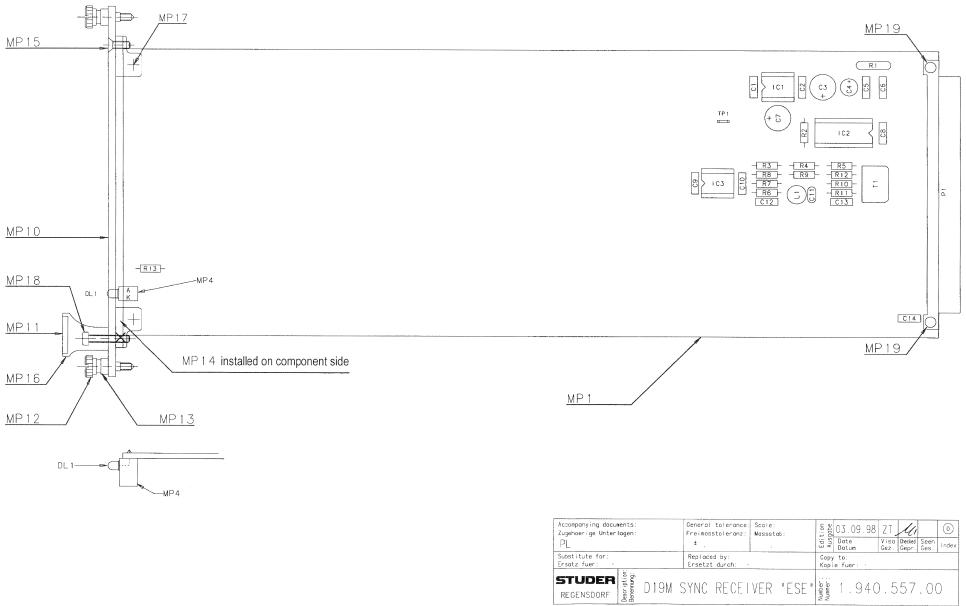






03.09.98 / 3	ZT O	0		0	
			D19M	PAGE	1 / 1
STUDER	D19M	SYNC	RECEIVER	1.940	.557.00

Sync Receiver 1.940.557.00 (0)



Sync Receiver 1.940.557.00 (1)

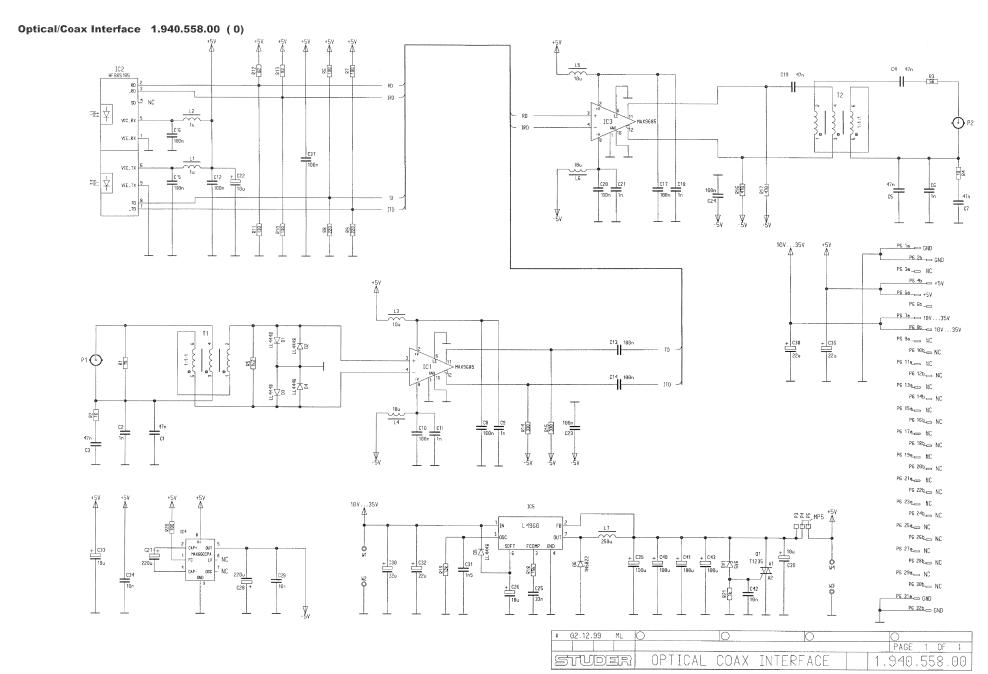
Part No. Qty. Type/Val. Description

ldx. Pos.

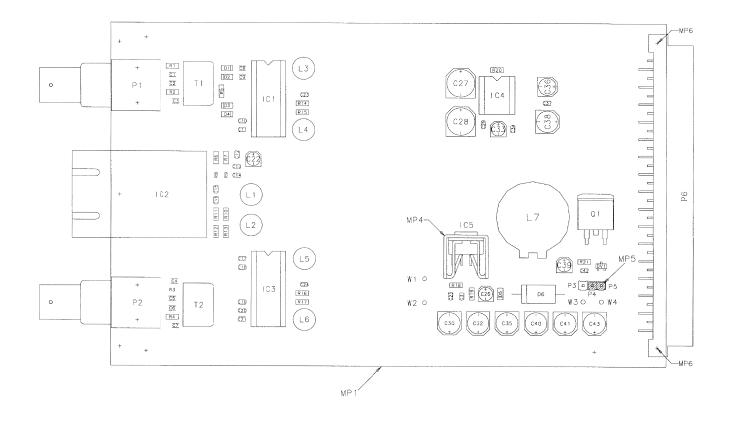
ldx. Po	s. Part No.	Qty. 7	ype/Val.	Description
0 C	59.06.0103	, 1	On	PETP, 63V, 10%, RM5
0 C	59.06.0103	1	0n	PETP, 63V, 10%, RM5
0 C			00u	EL 16V 20% RM5
0 C	59.22.3470	4	7u	EL 10V 20% RM5
0 C				PETP, 63V, 10%, RM5
0 C	59.06.0104	. 1	00n	PFTP, 63V, 10%, RM5
0 C	59.22.4101	1	00u	EL 16V 20% RM5
0 C	59.06.0104	. 1	00n	PETP, 63V, 10%, RM5
0 C	59.06.0104	. 1	00n	PETP, 63V, 10%, RM5
0 C	0 59.06.0104	. 1	00n	PETP, 63V, 10%, RM5
0 C	1 59.34.4101	1	00p	CER 63V, 5%, N750
0 C	2 59.06.0103	. 1	0n	PETP, 63V, 10%, RM5
0 C	3 59.06.0104	. 1	00n	PETP, 63V, 10%, RM5
0 C				PETP, 63V, 10%, RM5
0 DL				DL HLMP - 1790 GN
0 IC				IC ICL 7660 CPA,TSC,SI,
0 IC				SN 74 LS 04 N
0 IC				High speed Comparator
0 L				10%, radial RM 5
O ME	1.940.557.11			D19M SYNC RECEIVER PCB
O MF				TYPENSCHILD
O ME			abel	ESE-WARNSCHILD
O ME			pacer	LED-Sockel
O ME	1.940,557.01	-		FRONTPLATTE
O ME	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
	12 49.02.0520		12.5*12	Rändelschraube (Rack)
	13 49.02.0521	•		Metall-Buchse (Rack)
	14 49.02.0522			Kartenhalter mit Z-Schr
O MF		•	12.5*7	Senk-Schr, KS, Senkripp
	16 49.02.0504			Frontplatten-Griff
1 MF	17 not used	-	12.5*6	Z-Schraube Inbus Zn gb chr
				4 (49.02.0522 Kartenhalter) enthalter
0 MF	18 21.53.0284	1 pce N	12.5*16	Z-Schraube Inbus Zn gb chr
0 MF	19 28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0 P	54.11.2009	9	6p	EU-R 3*32p
0 R	57.92.7053	1	.6A	PTC 30V
0 R	57.11.3103	1	0k	MF, 1%, 0207
0 R	57.11.3103	1		MF, 1%, 0207
0 R	57.11.3471	4	70R	MF, 1%, 0207
0 R	57.11.3271	2	70R	MF, 1%, 0207
0 R	57.11.3103	1	0k	MF, 1%, 0207
0 R	57.11.3103	1	0k	MF, 1%, 0207
0 R	57.11.3103	1	0k	MF, 1%, 0207
0 R	57.11.3471	4	70R	MF, 1%, 0207
0 R	0 57.11.3150	1	5R	MF, 1%, 0207
0 R	1 57.11.3271	2	70R	MF, 1%, 0207
0 R	2 57.11.3150	1	5R	MF, 1%, 0207
0 R	3 57.11.3102	1	k0	MF, 1%, 0207
0 T1	63.15.0001	1	:1:1	Impuls-Transformator
			р	PCB-Flachst 2.8*0.8, gerade

End of List

(1) 12.04.00 MP 17 not used



Optical/Coax Interface 1.940.558.00 (0)



Accompanying documents: Zugehoerige Unterlagen:		General tolerance: Freimasstoleranz:	Scole: Mossstab:	tion	02.12.1999	ZT	14	m	0
PL, BV640				FH	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:				Page: Seite	:	1 /	/ 1		
STUDER REGENSDORF	OPTICAL CO	AX INTERFAC	E, ESE		Number:	940	. 55	8.	00

Optical/Coax Interface 1.940.558.00 (0)

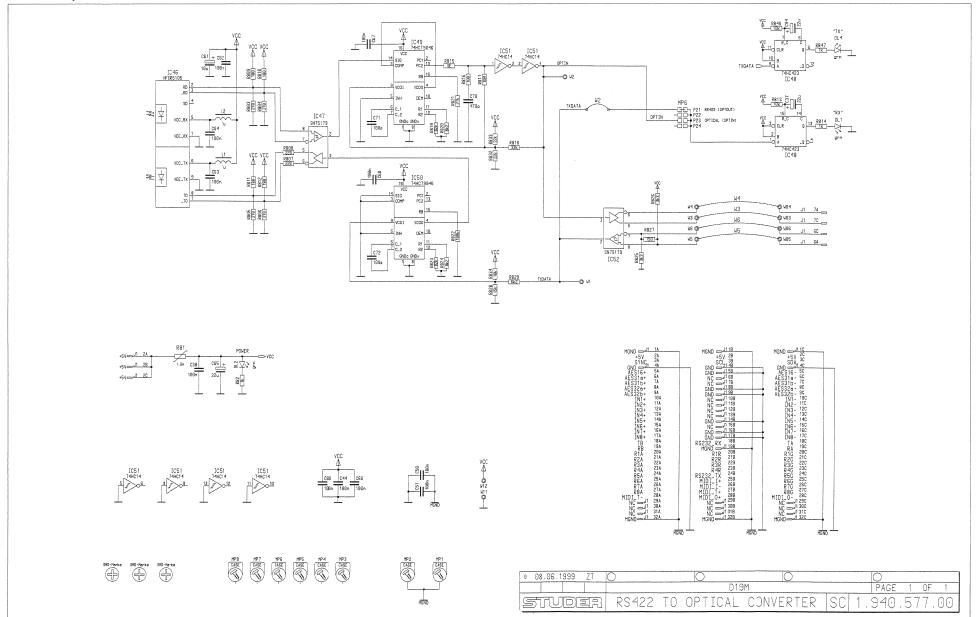
Page: 1 of 1

	h	.,		nteriac	e 1.940.556.00	•	U)			Page
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx	. Pos.	Part No. Qty.	Type/Val.	Description
							R 13	57.60.1820	82R	MF, 1%, 0204, E24
0	C 1	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0		57.60.1331	330R	MF, 1%, 0204, E24
0	C 2	59.60.2373		1n0	CER 50V, 5%, C0G, 0805	0		57.60.1331	330R	MF, 1%, 0204, E24
0	C 3	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0		57.60.1471	470R	MF, 1%, 0204, E24
0	C 4	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0		57.60.1471	470R	MF, 1%, 0204, E24
	C 5	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0		57.60.1153	15k	MF, 1%, 0204, E24
	C.B	59 60 2373		1n0	CER 50V, 5%, COG, 0805	0		57.60.1123	12k	MF, 1%, 0204, E24
0	C 7	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0		57.60.1101	100R	MF, 1%, 0204, E24
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0		57.60.1102	1k0	MF, 1%, 0204, E24
0	C 9	59.60.2373		1n0	CER 50V, 5%, C0G, 0805	0			1:1:1	Impuls-Transformator
0	C 10	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0		63.15.0001	1:1:1	Impuls-Transformator
0	C 11	59.60.2373		1n0	CER 50V, 5%, C0G, 0805	U	1 2	63.15.0001	1.1.1	impuis- transionnator
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805				End of List	
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 15	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 18	59.60.2373		1n0	CER 50V, 5%, C0G, 0805					
0	C 19	59.60.3333		47n	CER 50V, 10%, X7R, 0805					
0	C 20	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
	C 21	59.60.2373		1n0	CER 50V, 5%, C0G, 0805					
	C 22	59.68.0065		10u	EL 16V, 4.0*5.7					
	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
	C 25	59.60.3331		33n	CER 50V, 10%, X7R, 0805					
0	C 26	59.68.0065		10u	EL 16V, 4.0*5.7					
0	C 27	59.68.0073		220u	EL 16V, 8.0*10.7					
0	C 28	59.68.0073		220u	EL 16V, 8.0*10.7					
0	C 29	59.60.3325		10n	CER 50V, 10%, X7R, 0805					
	C 30	59.68.0111		22u	EL 35V, 6.3*5.7					
					CER 50V, 10%, X7R, 0805					
0	C 31	59.60.3315		1n5						
0	C 32	59.68.0111		22u	EL 35V, 6.3*5.7					
	C 33	59.68.0065		10u	EL 16V, 4.0*5.7					
	C 34	59.60.3325		10n	CER 50V, 10%, X7R, 0805					
	C 35	59.68.0029		100u	EL 6V, 6.3*5.7					
	C 36	59.68.0067		22u	EL 16V, 5.0*5.7					
	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
	C 38	59.68.0111		22u	EL 35V, 6.3*5.7					
0	C 39	59.68.0065		10u	EL 16V, 4.0*5.7					
	C 40	59.68.0029		100u	EL 6V, 6.3*5.7					
	C 41	59.68.0029		100u	EL 6V, 6.3*5.7					
	C 42	59.60.3325		10n	CER 50V, 10%, X7R, 0805					
0	C 43	59.68.0029		100u	EL 6V, 6.3*5.7					
	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80					
	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80					
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80					
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80					
0	D 5	50.60.8001		4448	200mA 75V 4ns SOD 80					
0	D 6	50.04.0519		1N5822	3A, Schottky					
	DV 1	50.60.9011		5V6	5%, 0.2W, SOT 23					
0	IC 1	50.11.0156		MAX9685	ECL Comparator, latching					
0	IC 2	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI					
0	IC 3	50.11.0156		MAX9685	ECL Comparator, latching					
0	IC 4	50.10.0124		MAX660	V-Converter +5.5V to -5.5V					
0	IC 5	50.10.0122		L4960	L 4960,					
	L1	62.02.3109		1uH	20%, radial RM 5					
0	L 2	62.02.3109		1uH	20%, radial RM 5					
	L 3	62.02.3100		10uH	10%, radial RM 5					
	L 4	62.02.3100		10uH	10%, radial RM 5					
	L 5	62.02.3100		10uH	10%, radial RM 5 10%, radial RM 5					
	L 6	62.02.3100		10uH 250uH	2A Toroid Chocke					
	L7	62.03.0025		250ur1	opt-coax Interface PCB					
		1.940.558.11			•					
		.940.558.10		Label	NR. ETIKETTE 5 * 20					
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD					
0	MP 4	50.20.3011			Kühlkörper, TO 220, vertikal					
0	MP 5	54.01.0021	1 000	Jumper	0.63*0.63mm, Au					
	MP 6	28.99.0119 2	. pcs	BNC	ROHRNIETE D 2.5*0.15* 9					
0	P1	54.21.2021		BNC	BNC 1p, angle, PCB					
	P 2	54.21.2021		BNC	BNC 1p, angle, PCB					
	P 3	54.01.0020		1p	Pin, 1reihig, gerade					
	P 4	54.01.0020		1p	Pin, 1reihig, gerade					
	P 5	54.01.0020		1p	Pin, 1reihig, gerade					
	P 6	54.01.0359		32p	EU-B 2*16p					
0	Q 1	50.60.7001		BT138B	Triac 8A, 600V, SOT 404					
0	R1	57.60.1750		75R	MF, 1%, 0204, E24					
0	R 2	57.60.1100		10R	MF, 1%, 0204, E24					
0	R 3	57.60.1560		56R	MF, 1%, 0204, E24					
	R4	57.60.1100		10R	MF, 1%, 0204, E24					
0	R 5	57.60.1122		1k2	MF, 1%, 0204, E24					
	R 6	57.60.1101		100R	MF, 1%, 0204, E24					
0		57.60.1101		100R	MF, 1%, 0204, E24					
0	R7									
0	R 8	57.60.1221		220R	MF, 1%, 0204, E24					
0 0 0	R 8 R 9	57.60.1221 57.60.1221		220R	MF, 1%, 0204, E24					
0 0 0	R 8 R 9 R 10	57.60.1221 57.60.1221 57.60.1131		220R 130R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 0 0 0	R 8 R 9	57.60.1221 57.60.1221		220R	MF, 1%, 0204, E24					

Date printed: 25.09.02

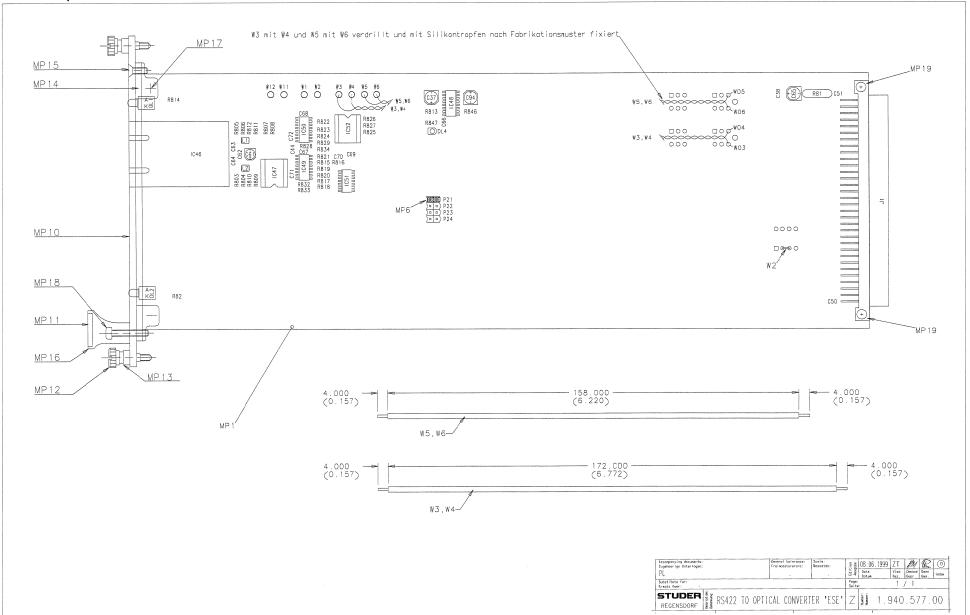
RS 422 To Optical Converter 1.940.577.00







RS 422 To Optical Converter 1.940.577.00





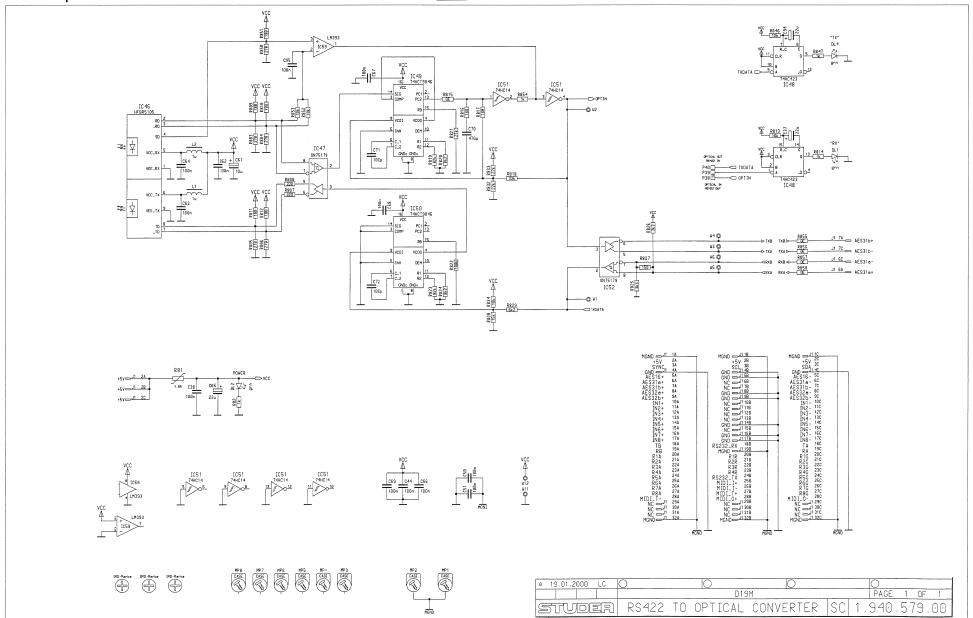


RS 422 To Optical Converter 1.940.577.00

	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No. Q	ity. Type	e/Val. Description
0	C 37	59.68.0067	22u	C-EL 16V, 5.0*5.7	0	R 829	57.60.1622	6K2	MF, 1%, 0204, E24
	C 38	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 832	57.60.1223	22K	MF, 1%, 0204, E24
	C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 833	57.60.1223	22K	MF, 1%, 0204, E24
	C 50	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 834	57.60.1103	10K	MF, 1%, 0204, E24
	C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 846	57.60.1103	10K	
	C 61	59.68.0065	10u	C-EL 16V, 4.0*5.7	0	R 847	57.60.1102	1K	MF, 1%, 0204, E24
	C 62	59.60.3337	100n	CER 50V, 10%, X7R, 0805					
	C 63	59,60.3337	100n	CER 50V, 10%, X7R, 0805	0	W2	1.010.329.64	Wire	DRAHTBRUECKE U, 4.3*
	C 64	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	W 3	64.02.0183 1		LITZE OR AWG 26
	C 65	59.68.0067	22u	C-EL 16V, 5.0*5.7	ō	W 4	64,02.0184 1		LITZE GB AWG 26
	C 66	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	W 5	64.02.0185 1		LITZE GN AWG 26
			100n	CER 50V, 10%, X7R, 0805	0	W 6	64.02.0186 1		LITZE BL AWG 26
	C 67	59.60.3337		CER 50V, 10%, X7R, 0805	0	****	04.02.0100 1	00 111111	ETIZE DE AVO 20
	C 68	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	XDL 1	50.20.2501	Space	cer LED-Sockei
	C 69	59.60.3337	100n	CER 50V, 5%, C0G, 0805	0	XDL 1			
	C 70	59.60.2365	470p		U	AUL 2	50.20.2501	Space	cei EED-Sockei
	C 71	59.60.2249	100p	CER 50V, 5%, COG, 0603		VIO 70	50.00.0400	0	DU 0.28 let
	C 72	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	XIC 52	53.03.0166	8p	DIL 0.3", löt, gerade
0	C 94	59.68.0067	22u	C-EL 16V, 5.0*5.7					
	n	70 04 0000	LU MD4700	DI HIMB 1700 CN				End of I	List
	DL 1	50.04.2202	HLMP1790	DL HLMP - 1790 GN	Cor	nments			
	DL 2	50.04.2202	HLMP1790	DL HLMP - 1790 GN	-	-			
)	DL 4	not used	TLUG 2401	DL TLUG 2401 GN MATT					
0	IC 46	89.10.0021	HFBR5105	LWL Transceiver FDDI/MADI					
)	IC 47	50.15.0126	75179B	IC SN 75179B P					
	IC 48	50.62.1423	74HC423	Dual multivibr monost retrigg					
	IC 49	50.62.4946	74HCT9046	PLL with bandgap contr VCO					
	IC 50	50.62.4946	74HCT9046	PLL with bandgap contr VCO					
	IC 51	50.62.1014	74HC 14	Hex Schmitt trigger inverter					
	IC 52	50.15.0126 -	75179B	IC SN 75179B P					
)	J 1	54,11,2009	96p	EU-R 3*32p					
	• ,	51,77.2555							
)	L1	62.60.0101	1.0uH	10%, SMD 1210					
	L2	62.60.0101	1.0uH	10%, SMD 1210					
,	LZ	02.00.0101	1.0011	1070, 01110 1270					
)	MP 1	1.940.576.11		Processor Board PCB					
	MP 2	1.940.577.04		Typenschild					
			Label	ESE-WARNSCHILD					
	MP 3	43.01.0108		0.63 * 0.63mm					
	MP 6	54.01.0021 1 pce							
	MP 10	1.940.576.01 1 pce		FRONTPLATTE RCC					
)	MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE					
)	MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)					
)	MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)					
)	MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)					
0	MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp					
0	MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff					
	MP 17	21.53.0279 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr					
	MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube inbus Zn gb chr					
)	MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0,15* 9					
)	P 21	54.01.0020 2 pcs	1p	Pin 0.63*0.63					
)	P 22	54.01.0020 2 pcs	1p	Pin 0.63*0.63					
)	P 23	54.01.0020 2 pcs	1p	Pin 0.63*0.63					
)	P 24	54.01.0020 2 pcs	1p	Pin 0.63*0.63					
)	R 81	57.92.7053	1.6A	POLY- PTC, 30V					
)	R 82	57.60.1102	1K	MF, 1%, 0204, E24					
	R 803	57.60.1271	270R	MF, 1%, 0204, E24					
,	R 804	57.60.1271	270R	MF, 1%, 0204, E24					
	R 805	57.60.1271	270R	MF, 1%, 0204, E24					
)		57.60.1271	270R	MF, 1%, 0204, E24					
))	R 806			MF, 1%, 0204, E24					
))	R 806 R 807		220R						
	R 807	57.60.1221	220R 220R	MF 1% 0204 F24					
)))	R 807 R 808	57.60.1221 57.60.1221	220R	MF, 1%, 0204, E24					
	R 807 R 808 R 809	57.60.1221 57.60.1221 57.60.1181	220R 180R	MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810	57.60.1221 57.60.1221 57.60.1181 57.60.1181	220R 180R 180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181	220R 180R 180R 180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181	220R 180R 180R 180R 180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181 57.60.1103	220R 180R 180R 180R 180R 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102	220R 180R 180R 180R 180R 10K 1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1000	220R 180R 180R 180R 180R 10K 10K 1K 0R0	MF, 1%, 0204, E24 MF, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1000 57.60.1101	220R 180R 180R 180R 180R 10K 11K 0R0	MF, 1%, 0204, E24 MF, 196, 0204					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1005 57.60.1101 57.60.1106	220R 180R 180R 180R 180R 10K 1K 0R0 100R	MF, 1%, 0204, E24 MF, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1000 57.60.1101	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R	MF, 1%, 0204, E24 MF, 0204 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1005 57.60.1101 57.60.1106	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R 10M 33K 82K	MF, 1%, 0204, E24 MF, 196, 0204, E24 MF, 198, 0204, E24 MF, 196, 0204, E24 MF, 198, 0204, E24 MF, 198, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817 R 818	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1102 57.60.1002 57.60.1000 57.60.1101 57.60.1106 57.60.1333	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R 100R	MF, 1%, 0204, E24 MF, 0204 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 816 R 817 R 818 R 818	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1000 57.60.1101 57.60.1106 57.60.1333 57.60.1823	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R 10M 33K 82K	MF, 1%, 0204, E24 MF, 196, 0204, E24 MF, 198, 0204, E24 MF, 196, 0204, E24 MF, 198, 0204, E24 MF, 198, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817 R 818 R 819 R 819	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1100 57.60.1101 57.60.1106 57.60.1333 57.60.1823 57.60.1822	220R 180R 180R 180R 180R 10K 10K 10K 10R 100R 100R 10M 33K 82K 8K2	MF, 1%, 0204, E24 MF, 196, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 816 R 817 R 818 R 819 R 820 R 822	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1102 57.60.1002 57.60.1000 57.60.1001 57.60.1101 57.60.1333 57.60.1823 57.60.1822 57.60.1822 57.60.1822 57.60.1104	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R 10M 33K 82K 8K2 27K 100K	MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 816 R 817 R 818 R 819 R 820 R 821 R 822 R 823	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1103 57.60.1102 57.60.1000 57.60.1101 57.60.1106 57.60.1333 57.60.1823 57.60.1822 57.60.1823 57.60.1823 57.60.1823 57.60.1823	220R 180R 180R 180R 180R 10K 1K 0R0 10DR 10M 33K 82K 8K2 27K 100K 82K	MF, 1%, 0204, E24 MF, 196, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817 R 818 R 819 R 820 R 821 R 822 R 823 R 824	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181 57.60.1102 57.60.1005 57.60.1106 57.60.1106 57.60.1333 57.60.1823 57.60.1273 57.60.1104 57.60.1104 57.60.1823 57.60.1823 57.60.1823 57.60.1823	220R 180R 180R 180R 180R 10K 1K 0R0 100R 10M 33K 82K 8K2 27K 100K 82K 82K 82K 82K 82K 84C	MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817 R 818 R 819 R 820 R 821 R 822 R 822 R 823 R 824 R 825	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181 57.60.1102 57.60.1002 57.60.1000 57.60.1106 57.60.1333 57.60.1823 57.60.1823 57.60.1273 57.60.1104 57.60.1104 57.60.1823 57.60.1823 57.60.1823	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R 100R 22K 8K2 27K 100K 82K 8K2 27K 100K 82K 8K2	MF, 1%, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817 R 818 R 819 R 820 R 821 R 822 R 823 R 824 R 825 R 826	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181 57.60.1102 57.60.1000 57.60.1000 57.60.1101 57.60.1108 57.60.1108 57.60.123 57.60.1823 57.60.1822 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823 57.60.1823	220R 180R 180R 180R 180R 10K 1K 0R0 100R 10M 33K 82K 8K2 27K 100K 82K 8K2 3K3 3K3	MF, 1%, 0204, E24 MF, 196, 0204, E24					
	R 807 R 808 R 809 R 810 R 811 R 812 R 813 R 814 R 815 R 816 R 817 R 818 R 819 R 820 R 821 R 822 R 822 R 823 R 824 R 825	57.60.1221 57.60.1221 57.60.1181 57.60.1181 57.60.1181 57.60.1181 57.60.1102 57.60.1002 57.60.1000 57.60.1106 57.60.1333 57.60.1823 57.60.1823 57.60.1273 57.60.1104 57.60.1104 57.60.1823 57.60.1823 57.60.1823	220R 180R 180R 180R 180R 10K 1K 0R0 100R 100R 100R 22K 8K2 27K 100K 82K 8K2 27K 100K 82K 8K2	MF, 1%, 0204, E24					

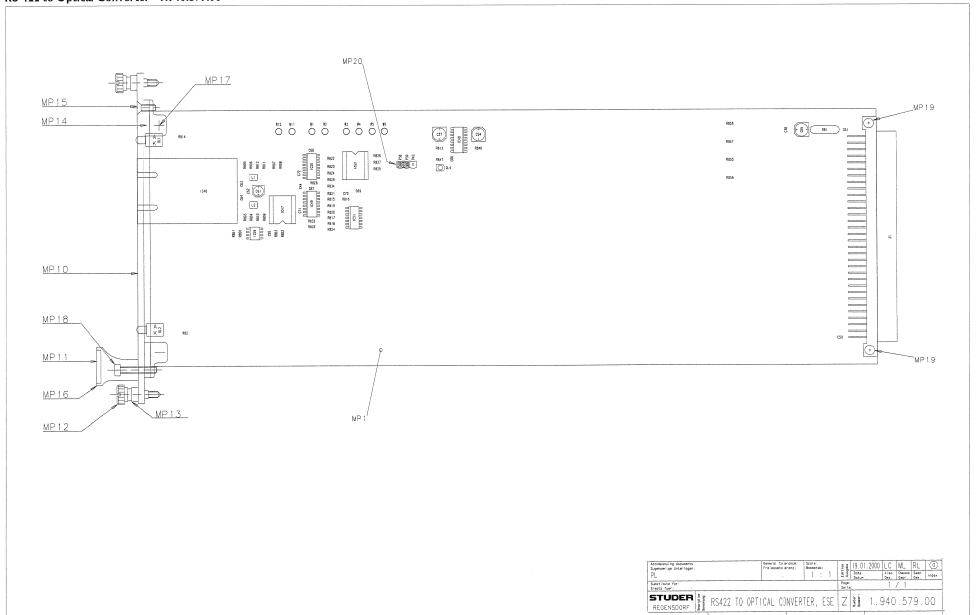
RS 422 to Optical Converter 1.940.579.00







RS 422 to Optical Converter 1.940.579.00







RS 422 to Optical Converter 1.940.579.00

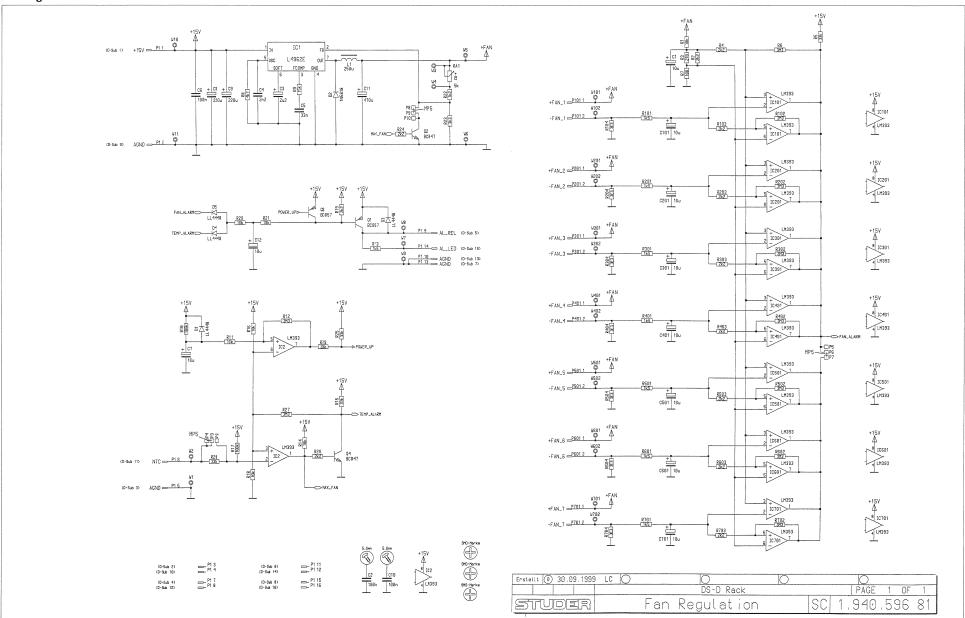
ldx	Pos.	Part No.	Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 37	59.68.0067		22u	EL 16V, 5.0*5.7	0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	MP 20	54.01.0021	1 pce	Jumper	0.63 * 0.63mm
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805				•	•	
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0005	0	P 38		1 pcs	1p	Pin 0.63*0.63
0	C 61	59.68.0065		10u	EL 16V, 4.0*5.7	0	P 39	54.01.0020	1 pcs	1p	Pin 0.63*0.63
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	P 40	54.01.0020	1 pcs	1p	Pin 0.63*0.63
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 81	57.92.7053		1.6A	PTC 30V
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 82			1.6A 1K	
0	C 65	59.68.0067		22u		0		57.60.1102			MF, 1%, 0204, E24
0	C 66	59.60.3337		100n		-	R 803	57.60.1271		270R	MF, 1%, 0204, E24
-					CER 50V, 10%, X7R, 0805	0	R 804	57.60.1271		270R	MF, 1%, 0204, E24
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 805	57.60.1271		270R	MF, 1%, 0204, E24
0	C 68	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 806	57.60.1271		270R	MF, 1%, 0204, E24
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 807	57.60.1221		220R	MF, 1%, 0204, E24
0	C 70	59.60.2365		470p	CER 50V, 5%, C0G, 0805	0	R 808	57.60.1221		220R	MF, 1%, 0204, E24
0	C 71	59.60.2249		100p	CER 50V, 5%, C0G, 0603	0	R 809	57.60.1181		180R	MF, 1%, 0204, E24
0	C 72	59.60.2249		100p	CER 50V, 5%, C0G, 0603	0	R 810	57.60.1181		180R	MF, 1%, 0204, E24
0	C 94	59.68.0067		22u	EL 16V, 5.0*5.7	0	R 811	57.60.1181		180R	MF, 1%, 0204, E24
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R 812	57.60.1181		180R	MF, 1%, 0204, E24
0	DI 4	ED 04 2202		LII MD4700	DI LIIMD 4700 CN	0	R 813	57.60.1103		10K	MF, 1%, 0204, E24
	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN	0	R 814	57,60.1102		1K	MF, 1%, 0204, E24
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN	0	R 815	57.60.1000		0R0	MF, 0204
0	DL 4	not used		TLUG 2401	DL TLUG 2401 GN MATT	0	R 816	57.60.1101		100R	MF, 1%, 0204, E24
0	IC 46	89.10.0021		HFBR5105	LWL Transceiver FDDI/MADI	0	R 817	57.60.1106		10M	MF, 1%, 0204, E24
0	IC 47	50.15.0126		75179B	IC SN 75179B P	0	R 818	57.60.1333		33K	MF, 1%, 0204, E24
0	IC 48	50.62.1423		74HC423	Dual multivibr monost retrigg	0	R 819	57.60.1823		82K	MF, 1%, 0204, E24
0	IC 49	50.62.4946			PLL with bandgap contr VCO	0	R 820	57.60.1822		8K2	MF, 1%, 0204, E24
0	IC 50	50.62.4946			PLL with bandgap contr VCO	0	R 821	57.60.1273		27K	MF, 1%, 0204, E24
0	IC 50					0	R 822	57.60.1104		100K	MF, 1%, 0204, E24
		50.62.1014		74HC 14	Hex Schmitt trigger inverter	0	R 823	57.60.1104		82K	MF, 1%, 0204, E24
0	IC 52	50.15.0126		75179B	IC SN 75179B P	0	R 824	57.60.1822		8K2	MF, 1%, 0204, E24
0	IC 59	50.61.9001		LM393	Dual voltage comp. SO 8	0				3K3	
0	J 1	54.11.2009		96p	EU-R 3*32p	-	R 825	57.60.1332			MF, 1%, 0204, E24
-				***	20 11 0 02p	0	R 826	57.60.1332		3K3	MF, 1%, 0204, E24
0	L 1	62.60.0101		1.0uH	10%, SMD 1210	0	R 827	57.60.1151		150R	MF, 1%, 0204, E24
0	L 2	62.60.0101		1.0uH	10%, SMD 1210	0	R 828	57.60.1153		15K	MF, 1%, 0204, E24
						0	R 829	57.60.1622		6K2	MF, 1%, 0204, E24
0	MP 1	1.940.576.12			Processor Board PCB	0	R 832	57.60.1223		22K	MF, 1%, 0204, E24
0	MP 2	1.940.579.04			Typenschild	0	R 833	57.60.1223		22K	MF, 1%, 0204, E24
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD	0	R 834	57.60.1103		10K	MF, 1%, 0204, E24
0	MP 10		1 pce		FRONTPLATTE RCC	0	R 846	57.60.1103		10K	MF, 1%, 0204, E24
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE	0	R 847	57.60.1102		1K	MF, 1%, 0204, E24
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)	0	R 850	57.60.1271		270R	MF, 1%, 0204, E24
0	MP 13	49.02.0521	•		Metall-Buchse (Rack)	0	R 851	57.60.1181		180R	MF, 1%, 0204, E24
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)	0	R 852	57.60.1103		10K	MF, 1%, 0204, E24
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp	0	R 853	57.60.1103		10K	MF, 1%, 0204, E24
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff	0	R 854	57.60.1102		1K	MF, 1%, 0204, E24
0	MP 17		2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0	R 855	57.60.1000		0R0	MF, 0204
			•			0	R 856	57.60.1000		0R0	MF, 0204
						0	R 857	57.60.1000		0R0	MF, 0204
						0	R 858	57.60.1000		0R0	MF, 0204
						0	XDL 1	50.20.2501		Spacer	LED-Sockel
						0	XDL 2	50.20.2501		Spacer	LED-Sockel
						0	XIC 52	53.03.0166		8p	DIL 0.3", löt, gerade

---- End of List -

Comments

Fan Regulation 1.940.596.81

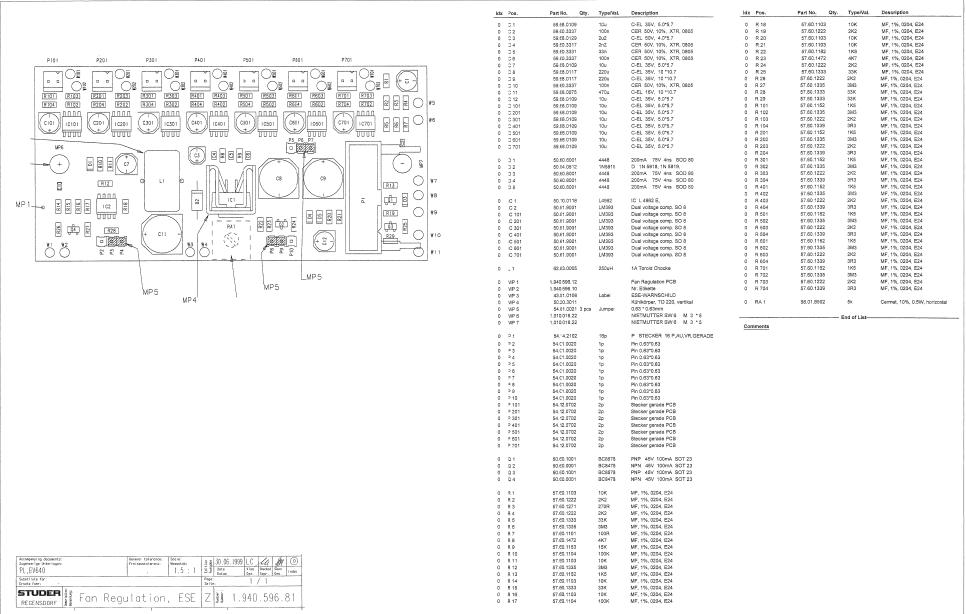




STUDER

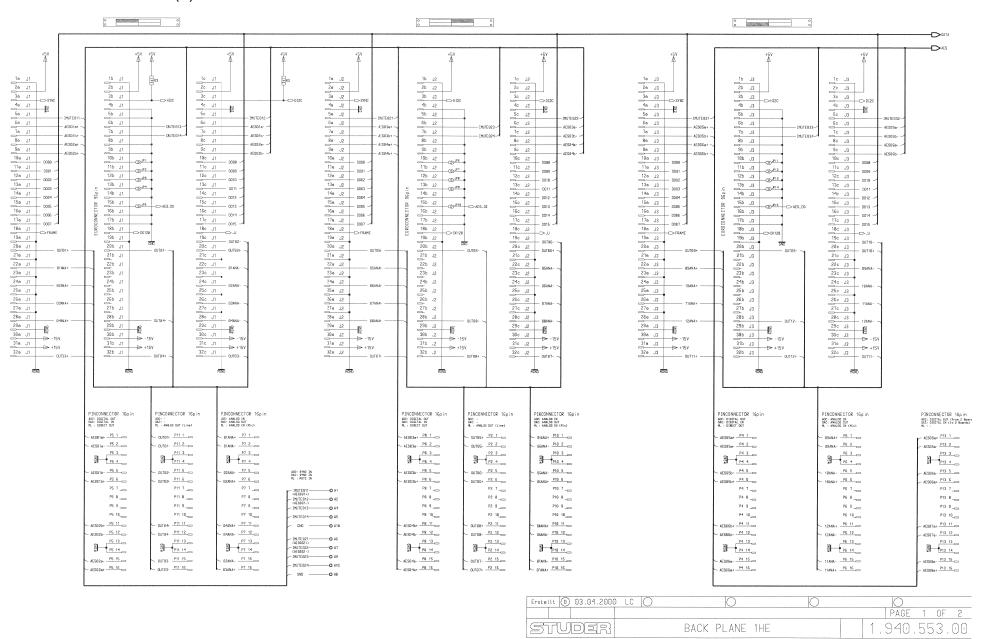


Fan Regulation 1.940.596.81

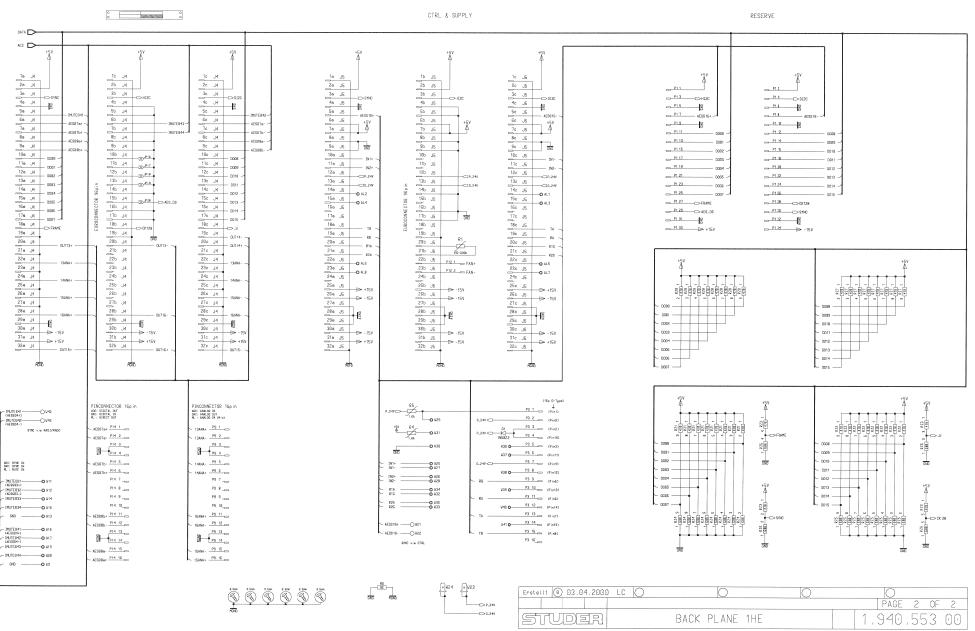




Back Plane 1U 1.940.553.00 (0)

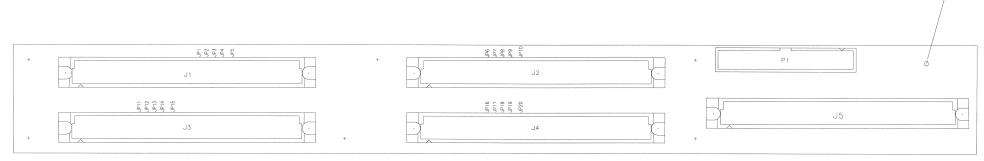


Back Plane 1U 1.940.553.00 (0)

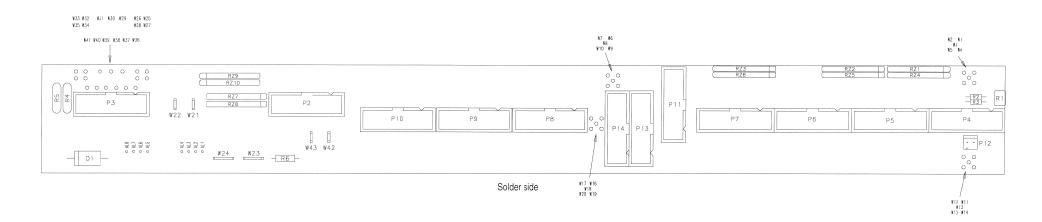




Back Plane 1U 1.940.553.00 (0)



Component side



Accompanying documents: Zugehoerige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massstab:	tion gabe	03.04	. 2000	LC	ML	RL	0
PL			Edit	Date Datum		Visa Gez.	Checked Gepri.	Seen Ges.	Index
Substitute for: Ersatz fuer:			Page: Seite	:		1 ,	/ 1		
STUDER BACK BACK	PLANE 1	HE		Number: Nummer:	1.9	940	. 55	3.	00

Description

ldx. Pos.

Part No. Qty. Type/Val.

STUDER

Back Plane 1U 1.940.553.00 (0)

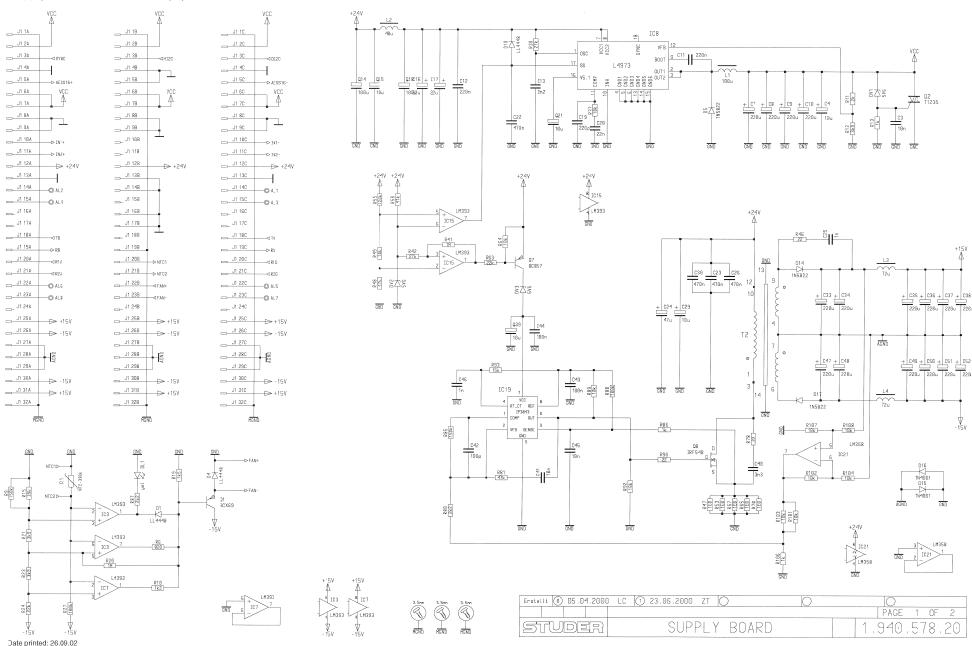
Page: 1 of 1

ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	D 1	50.04.0519		1N5822	3A, Schottky
0	J 1	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 2	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 3	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 4	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
٥	J 5	1,940,550,01			MESSERI FISTE 96 pol DIN 41612
0	MP 1	1.940.553.11	mp		BACK PLANE 1HE PCB
0	MP 2	1.940.553.04	mp		NR. ETIKETTE 5 * 20
0	P 1	not used		34p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 5	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 6	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 7	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 8	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 9	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 10	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 11	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 12	54.12.0702		2p	Stecker gerade PCB
0	P 13	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 14	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	R 1	57.99.0801		330k	NTC, 5%
0	R 2	57.10.1272		2k7	MF, 1%, 0204
0	R 3	57.10.1272		2k7	MF, 1%, 0204
0	R 4	57.92.7053		1.6A	PTC 30V
0	R 5	57.92.7053		1.6A	PTC 30V
0	R 6	57.11.3000		0R0	MF, 0207
0	RZ 1	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 2	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 4	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 5	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 6	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 7	not used		470R	8*R Resistor-Netw 2% SIP9
0	RZ 8	not used		470R	8*R Resistor-Netw 2% SIP9
0	RZ 9	not used		680R	8*R Resistor-Netw 2% SIP9
0	RZ 10	not used		680R	8*R Resistor-Netw 2% SIP9
0	W 21	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 22	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
-	W 23	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
	W 24	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 42	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 43	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade

End of List

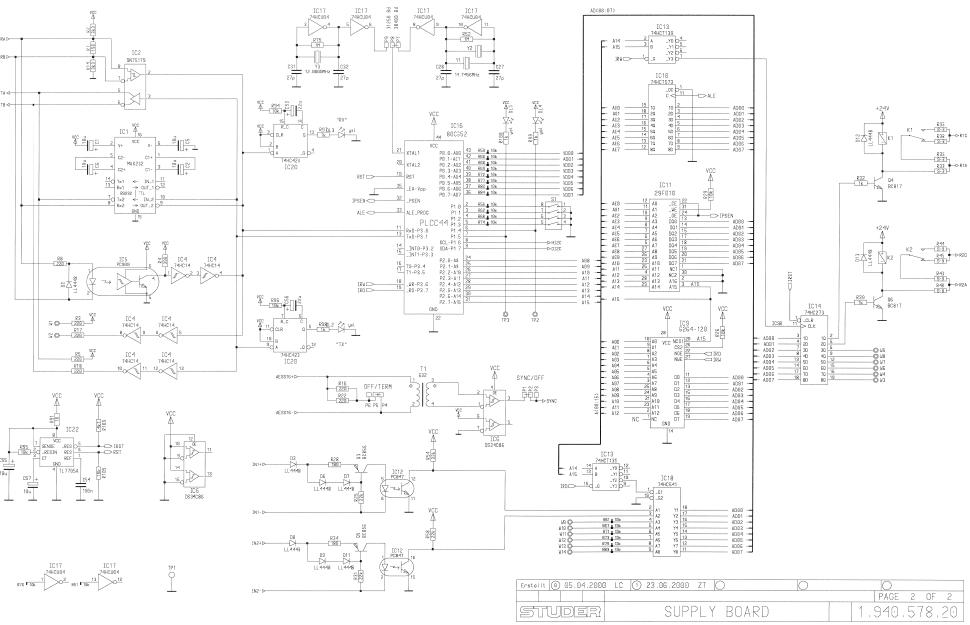


Supply Board 1.940.578.20 (1)

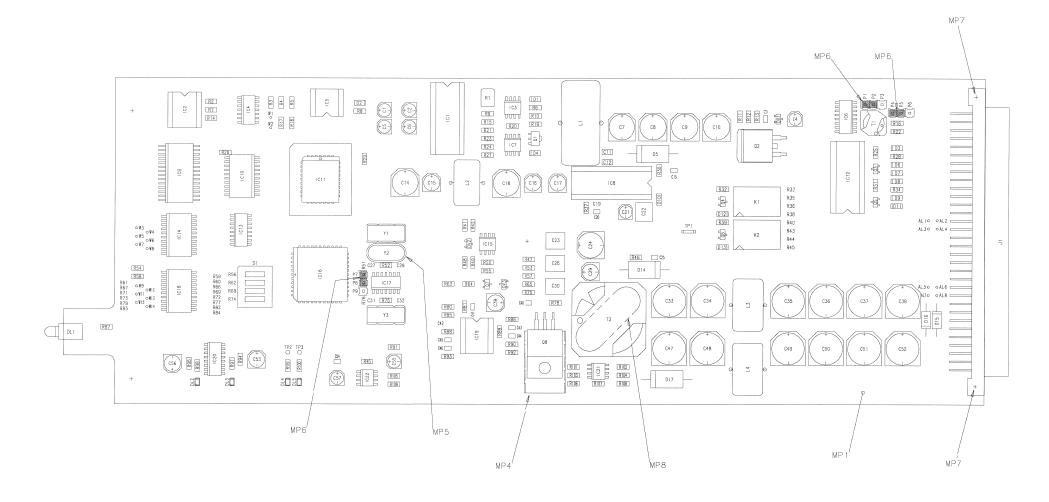


STUDER

Supply Board 1.940.578.20 (1)



Supply Board 1.940.578.20 (1)



Accompanying documents: Zugehoerige Unterlagen: PL, BV640		General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition	23.06.2000 Date Datum	LC Visa Gez.	ML Checked Gepr.	RL Seen Ges.	1 Index
Substitute for: 1 Ersatz fuer: 1	940.578.20	ndex 0		Page: Seite	:	1 ,	/ 1		
STUDER REGENSDORF	Benennung:	/ BOARD,	ESE		Number:	940	. 57	8.:	20

Supply Board 1.940.578.20 (1)

Page: 1 of 2

2 er 10 10	iy Board	1.54	10.578.20 (1)							Page: 1 o
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx	x. !	Pos.	Part No.	Qty.	Type/Val.	Description
0.61	anti-mod 4 mm	10	EL 16V, 4.0*5.7	0	, ,	IC 6	50.62.0463 1	pce	DS34C86	4*RS 422 Line Receiver
0 C1 0 C2	not used 1 pce not used 1 pce	10u 10u	EL 16V, 4.0 5.7 EL 16V, 4.0*5.7	0) [IC 7	50.61.9001 1		LM393	Dual voltage comp. SO 8
0 C2	59.60.3325 1 pce	10u	CER 50V, 10%, X7R, 0805	0) !	IC 8	50.10.0127 1	pce	4973V3.3	Switching Reg 3.3V 3.5A
0 C4	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0) !	IC 9	50.63.1502 1	pce	6264	SRAM 8K*8, 120ns
0 C5	not used 1 pce	10u	EL 16V, 4.0*5.7	0		IC 10	50.62.3573 1	pce	74HCT573	Octal D-type latch
0 C 6	not used 1 pce	10u	EL 16V. 4.0*5.7			IC 11	1.940.982.21 1			SW 576 Control (50.63.1303)
0 C7	59.68.0073 1 pce	220u	EL 16V, 8.0*10.7	0		IC 12	50.04.2138 1		PC847	DLQ PC-847 , EE-CM 4
0 C8	59.68.0073 1 pce	220u	EL 16V, 8.0*10.7			IC 13	50.62.3139 1		74HCT139	Dual 2 to 4 line decoder Octal D-FF with reset
0 C 9	59.68.0073 1 pce	220u	EL 16V, 8.0*10.7	0		IC 14	50.62.1273 1		74HC273 LM393	Dual voltage comp. SO 8
0 C 10	59.68.0073 1 pce	220u	EL 16V, 8.0*10.7	0		IC 15 IC 16	50.61.9001 1 50.63.0009 1		80C652	MPU 8bit
0 C 11	59.60.3441 1 pce	220n	CER 50V, 10%, X7R, 1206			IC 17	50.62.1904 1		74HCU04	Hex inverter unbuffered
0 C 12	59.60.3441 1 pce	220n	CER 50V, 10%, X7R, 1206	0		IC 18	50.62.1541 1		74HC541	Octal buffer line driver/recei
0 C 13	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805	0		IC 19	50.10.0113 1		3843	IC IP 3843 N
0 C 14 0 C 15	59.68.0115 1 pce 59.68.0109 1 pce	100u 10u	EL 35V, 8.0*10.7 EL 35V, 5.0*5.7	0		IC 20	not used 1	рсе	74HC423	Dual multivibr monost retrigg
0 C 16	59.68.0067 1 pce	22u	EL 16V, 5.0*5.7	0	1	IC 21	50.61.0202 1	pce	LM358	Op-Amp single supply
0 C 17	59.68.0067 1 pce	22u	EL 16V, 5.0*5.7	0	1	IC 22	50.63.2001 1	pce	7705B	Reset Generator
0 C 18	59.68.0115 1 pce	100u	EL 35V, 8.0*10.7	0		J 1	54.11.2009 1	pce	96p	EU-R 3*32p
0 C 19	59.60.2257 1 pce	220p	CER 50V, 5%, C0G, 0603	0		K 1	not used 1		2*u	24V 125V 2A Ag/Au
0 C 20	59.60.3329 1 pce	22n	CER 50V, 10%, X7R, 0805	0		K 2	not used 1		2*u	24V 125V 2A Ag/Au
0 C 21	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0		L 1	62.03.0040 1		100uH	5A Toroid Chocke
0 C 22	59.60.3845 1 pce	470n	CER 50V, 10%, X7R, 2220			L 2	62.03.0010 1		48uH	2A Toroid Chocke
1 C 23	59.63.0133 1 pce	470n	PEN 50V, 5%, 2220	0		L 3	62.03.0015 1		72uH	2A Toroid Chocke
0 C 24	59.68.0113 1 pce	47u	EL 35V, 8.0*6.3	0		L4 MD 1	62.03.0015 1		72uH	2A Toroid Chocke
0 C 25	59.60.2373 1 pce	1n0	CER 50V, 5%, C0G, 0805	0		MP 1 MP 2	1.940.578.11 1 1.940.578.04 1			Supply Board PCB NR. ETIKETTE 5 * 20
1 C 26	59.63.0133 1 pce	470n	PEN 50V, 5%, 2220	0		MP 3	43.01.0108 1		Label	ESE-WARNSCHILD
0 C 27	59.60.2235 1 pce	27p	CER 50V, 5%, C0G, 0603	0		MP 4	50.20.3004 1			Kühlkörper, TO 220, horizontal
0 C 28	59.60.2235 1 pce	27p	CER 50V, 5%, C0G, 0603	0		MP 5	not used 1			QUARZ - ISOLIERPLATTE
0 C 29 1 C 30	59.68.0109 1 pce	10u 470n	EL 35V, 5.0*5.7 PEN 50V, 5%, 2220	0	- 1	MP 6	54.01.0021 3		Jumper	0.63*0.63mm, Au
0 C 31	59.63.0133 1 pce 59.60.2235 1 pce		CER 50V, 5%, C0G, 0603	0	1	MP 7	28.99.0119 2	pcs		ROHRNIETE D 2.5*0.15* 9
0 C 32	59.60.2235 1 pce	27p 27p	CER 50V, 5%, C0G, 0003	1	1	MP 8	1.010.005.61 1	рсе		UNTERLAGE ZU RM 10
0 C 33	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0	F	P 1	54.01.0020 1	pce	1p	Pin, 1reihig, gerade
0 C 34	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0	F	P 2	54.01.0020 1	pce	1p	Pin, 1reihig, gerade
0 C 35	59.68.0117 1 pce	220u	EL 35V, 10 *10.7			P 3	54.01.0020 1		1p	Pin, 1reihig, gerade
0 C 36	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0		P 4	54.01.0020 1		1p	Pin, 1reihig, gerade
0 C 37	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0		P 5	54.01.0020 1		1p	Pin, 1reihig, gerade
0 C 38	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0		P 6	54.01.0020 1		1p	Pin, 1reihig, gerade
0 C 39	59.68.0109 1 pce	10u	EL 35V, 5.0*5.7			P 7	54.01.0020 1		1p	Pin, 1reihig, gerade
0 C 40	59.60.3319 1 pce	3n3	CER 50V, 10%, X7R, 0805	0		P 8 P 9	54.01.0020 1		1p	Pin, 1reihig, gerade
0 C 41	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0		Q 1	54.01.0020 1 50.60.1100 1		1p BCX69-25	Pin, 1reihig, gerade PNP 45V 1.0A SOT 89
0 C 42	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0		Q 2	50.60.7001	poc	BT138B	Triac 8A, 600V, SOT 404
0 C 43	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		Q 3	50.60.1003 1	рсе	BC856B	PNP 65V 100mA SOT 23
0 C 44	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		Q 4	50.60.0050 1		BC817-25	NPN 45V 800mA SOT 23
0 C 45 0 C 46	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0805	0		Q 5	50.60.1003 1		BC856B	PNP 65V 100mA SOT 23
0 C 47	59.60.2373 1 pce 59.68.0117 1 pce	1n0 220u	EL 35V, 10*10.7	0	. (Q 6	50.60.0050 1	рсе	BC817-25	NPN 45V 800mA SOT 23
0 C 48	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0	(Q 7	50.60.1001 1	pce	BC857B	PNP 45V 100mA SOT 23
0 C 49	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0		Q 8	50.03.1509 1		IRF540	N-VMOS-FET 100V, 27A
0 C 50	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0		R 1	not used 1		330k	NTC, 5%
0 C 51	59.68.0117 1 pce	220u	EL 35V, 10 *10.7	0		R 2	57.60.1332 1		3k3	MF, 1%, 0204, E24
0 C 52	59.68,0117 1 pce	220u	EL 35V, 10 *10.7	0		R 3	not used 1		220R	MF, 1%, 0204, E24
0 C 53	not used 1 pce	22u	EL 16V, 5.0*5.7	0		R 4 R 5	not used 1		390R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 54	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R 6	not used 1 57.60.1821 1		220R 820R	MF, 1%, 0204, E24
0 C 55	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0		R7	57.60.1151 1		150R	MF, 1%, 0204, E24
0 C 56	not used 1 pce	22u	EL 16V, 5.0*5.7	0		R 8	not used 1		220R	MF, 1%, 0204, E24
0 C 57 0 D 1	59.68.0065 1 pce 50.60.8001 1 pce	10u 4448	EL 16V, 4.0*5.7 200mA 75V 4ns SOD 80	0		R 9	57.60.1154 1		150k	MF, 1%, 0204, E24
0 D1	not used 1 pce	4448	200mA 75V 4ns SOD 80	0	F	R 10	57.60.1122 1		1k2	MF, 1%, 0204, E24
0 D3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0	F	R 11	57.60.1202 1	pce	2k0	MF, 1%, 0204, E24
0 D4	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		R 12	57.60.1392 1	pce	3k9	MF, 1%, 0204, E24
0 D5	50.04.0519 1 pce	1N5822	3A, Schottky			R 13	57.60.1102 1		1k0	MF, 1%, 0204, E24
0 D6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		R 14	57.60.1332 1		3k3	MF, 1%, 0204, E24
0 D7	50.60,8001 1 pce	4448	200mA 75V 4ns SOD 80			R 15	57.60.1393 1		39k	MF, 1%, 0204, E24
0 D8	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		R 16	57.60.1221 1		220R	MF, 1%, 0204, E24
0 D9	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		R 17 R 18	not used 1 not used 1		220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D10	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 19	57.60.1152 1		1k5	MF, 1%, 0204, E24
0 D11	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		R 20	57.60.1105 1		1M	MF, 1%, 0204, E24
0 D12 0 D13	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0		R 21	57.60.1392 1		3k9	MF, 1%, 0204, E24
0 D13	50.04.0519 1 pce	4448 1N5822	3A, Schottky	0	F	R 22	57.60.1221 1	рсе	220R	MF, 1%, 0204, E24
0 D15	50.04.0122 1 pce	1N4001	1A, DO 41	0	F	R 23	57.60.1392 1	рсе	3k9	MF, 1%, 0204, E24
0 D16	50.04.0122 1 pce	1N4001	1A, DO 41			R 24	57.60.1223 1		22k	MF, 1%, 0204, E24
0 D17	50.04.0519 1 pce	1N5822	3A, Schottky	0		R 25	57.60.1223 1		22k	MF, 1%, 0204, E24
0 DL 1	50.04.2752 1 pce	yel	LED mit Halter	0		R 26	57.60.1103 1		10k	MF, 1%, 0204, E24
0 DL 2	not used 1 pce	yel	SMD LED yellow			R 27	57.60.1104 1		100k	MF, 1%, 0204, E24
0 DL 3	not used 1 pce	yel	SMD LED yellow			R 28	57.60.1181 1		180R	MF, 1%, 0204, E24
0 DL 4	not used 1 pce	yel	SMD LED yellow	0		R 29	57.60.1103 1		10k	MF, 1%, 0204, E24
0 DL 5	not used 1 pce	yel	SMD LED yellow	0		R 30 R 31	57.60.1273 1 57.60.1223 1		27k	MF, 1%, 0204, E24
0 DV 1	50.60.9011 1 pce	5V6	5%, 0.2W, SOT 23	0		R 32	57.60.1223 1 57.60.1102 1		22k 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 DV 2	50.60.9011 1 pce	5V6	5%, 0.2W, SOT 23	0		R 33	57.60.1102 1		0R0	MF, 1%, 0204, E24
0 DV 3	50.60.9011 1 pce	5V6	5%, 0.2W, SOT 23	0		R 34	57.60.1181 1		180R	MF, 1%, 0204, E24
	not used 1 pce	MAX232 75179B	IC MAX 232 CPE IC SN 75179B P			R 37	57.60.1103 1		10k	MF, 1%, 0204, E24
	ED 45 0400 4									the state of the s
0 IC 2	50.15.0126 1 pce			0	F	R 39	57.60.1102 1	pce	1k0	MF, 1%, 0204, E24
	50.15.0126 1 pce 50.61.9001 1 pce not used 1 pce	LM393 74HC 14	Dual voltage comp. SO 8 Hex Schmitt trigger inverter			R 39 R 40	57.60.1102 1 57.60.1000 1		1k0 0R0	MF, 1%, 0204, E24 MF, 0204

Date printed: 25.09.02

Description

Supply Board 1.940.578.20 (1)

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٠.	Pos.	Part No. Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Туре
)	R 42	57.60.1273 1 pce	27k	MF, 1%, 0204, E24				
)	R 46	57.60.1220 1 pce	22R	MF, 1%, 0204, E24				
)	R 47	57.60.1109 1 pce	1R	MF, 1%, 0204, E24				
)	R 48	57.60.1473 1 pce	47k	MF, 1%, 0204, E24				
)	R 49	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 50	57.60.1473 1 pce	47k	MF, 1%, 0204, E24				
)	R 51	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 52	57.60.1105 1 pce	1M	MF, 1%, 0204, E24				
)	R 53	57.60.1109 1 pce	1R	MF, 1%, 0204, E24				
)	R 54	57.60.1223 1 pce	22k	MF, 1%, 0204, E24				
)	R 55	57.60.1124 1 pce	120k	MF, 1%, 0204, E24				
)	R 56	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 57	57.60.1109 1 pce	1R	MF, 1%, 0204, E24				
)	R 58	57.60.1223 1 pce	22k	MF, 1%, 0204, E24				
)	R 59	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 60	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 61	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 62	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 63	57.60.1223 1 pce	22k	MF, 1%, 0204, E24				
)	R 64	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 65	57.60.1109 1 pce	1R	MF, 1%, 0204, E24				
)	R 66	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 67	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 68	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 69	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 70	57.60.1109 1 pce	1R	MF, 1%, 0204, E24				
)	R 71	57.69,1097 1 pce	10k	CF 5% 0603				
)	R 72	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 73	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 74	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 75	57.60.1105 1 pce	1M	MF, 1%, 0204, E24				
)	R 76	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 77	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 78	57.60.1220 1 pce	22R	MF, 1%, 0204, E24				
)	R 79	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 80	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24				
)	R 81	not used 1 pce	47k	MF, 1%, 0204, E24				
)	R 82	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 83	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 84	57.69.1097 1 pce	10k	CF 5% 0603				
)	R 85	57.60.1154 1 pce	150k	MF, 1%, 0204, E24				
)	R 86	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
)	R 87	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24				
)	R 88	57.60.1104 1 pce	100k	MF, 1%, 0204, E24				
)	R 89	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 90	57.60.1220 1 pce	22R	MF, 1%, 0204, E24				
)	R 91	57.60.1100 1 pce	10R	MF, 1%, 0204, E24				
)	R 92	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 93	57.60.1153 1 pce	15k	MF, 1%, 0204, E24				
)	R 94	not used 1 pce	10k	MF, 1%, 0204, E24				
)	R 95	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 96	not used 1 pce	10k	MF, 1%, 0204, E24				
)	R 97	not used 1 pce	1k0	MF, 1%, 0204, E24				
)	R 98	not used 1 pce	1k0	MF, 1%, 0204, E24				
)	R 99	not used 1 pce	1k0	MF, 1%, 0204, E24				
)	R 100	not used 1 pce	1k0	MF, 1%, 0204, E24				
)	R 101	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 102	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 103	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 104	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 105	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 106	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
)	R 107	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 108	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
	R 109	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
	S 1	55.01.0164 1 pce	4*a	DIL-Switch, PCB				
	T 1	1.022.632.00 1 pce	1:1	DI/DO TRANSFORMER				
	T 2	1.022.654.00 1 pce		TRAFO +/-14V				
	TP 1	not used 1 pce	2.8*0.8	PCB-Flachstecker, gerade				
)	XIC 11	53.03.2232 1 pce	32p	PLCC-Socket				
)	Y 1	89.60.1007 1 pce	14.7456MHz	SMD Quartz				
		not used 1 pce	12.000MHz	XTAL HC 49/U				
0	Y 2 Y 3	89.60.1003 1 pce	12.000MHz	SMD Quartz				

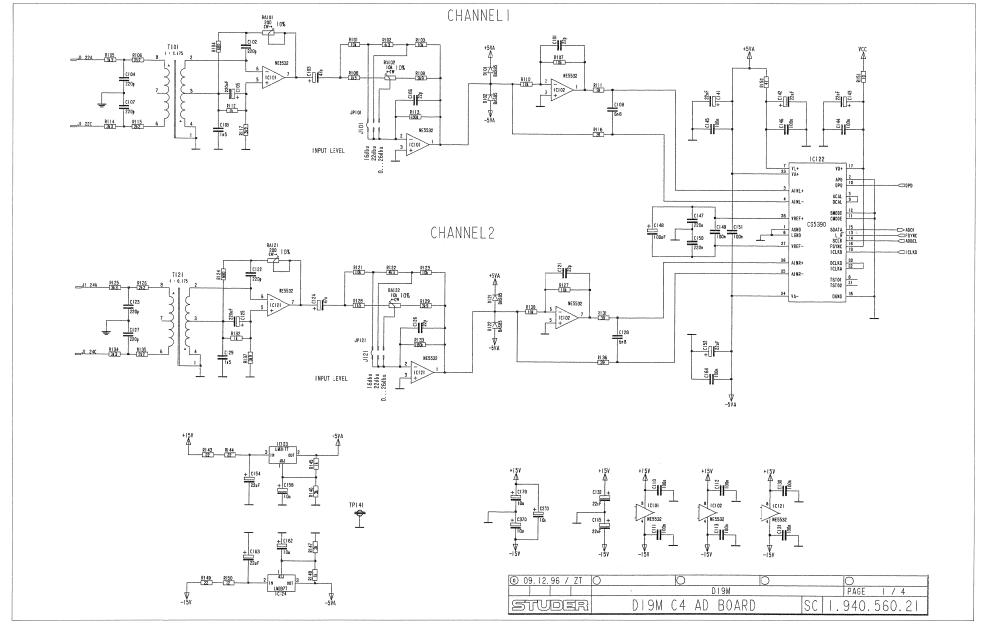
(01) C23,C26,C30: 1.0uF -> 0.47uF MP8 added

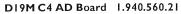
CIRCUIT DIAGRAMS: D19m INPUT INTERFACE CARDS

C4AD Board
C4AD NS Board
C4AD/24 Board
C4AD NS/24 Board
MP4RC Board
RCC Board
AESI Board
Block Diagram AESI SFC Board
Block Diagram MADI 1.940.500/1.940.510 MADI Coaxial 1.940.500 MADI Optical 1.940.510
MADI Optical
TDIFI Interface
ADATI Interface

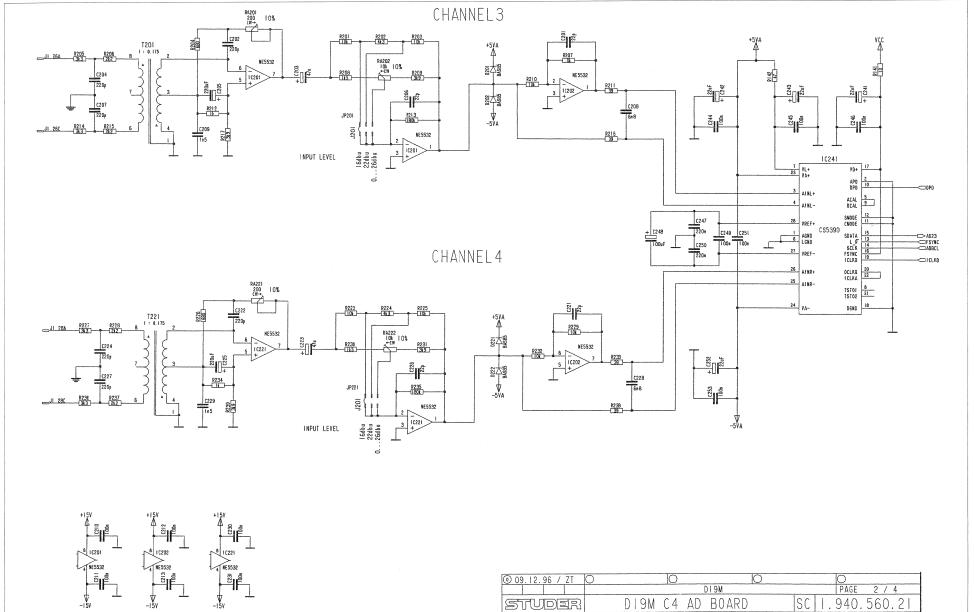
DI9M C4 AD Board 1.940.560.21







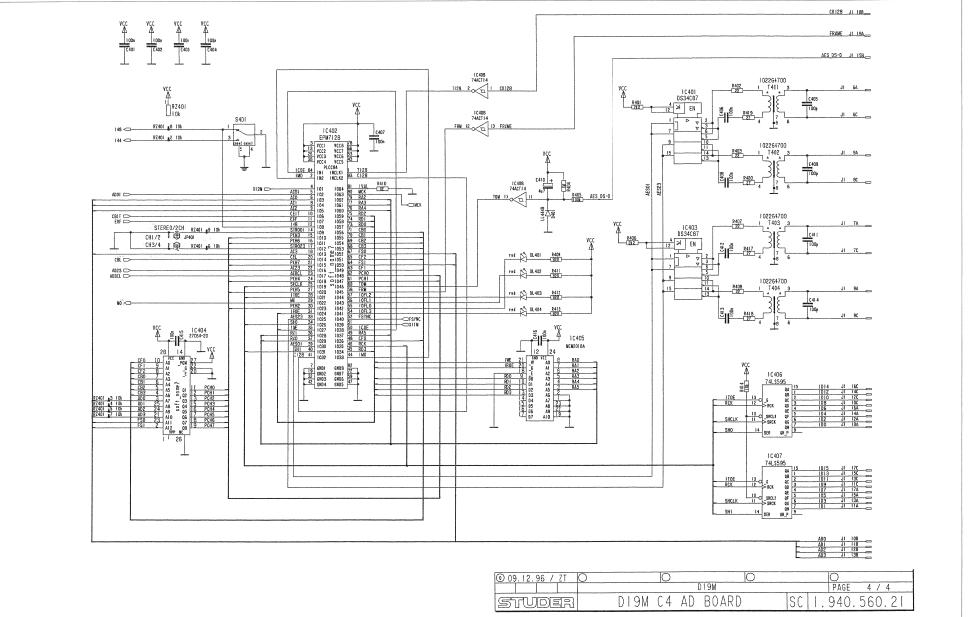




DI9M C4 AD Board 1.940.560.21 AES/TTL 10304 088412 VD+ CO_EO CA_EI CB_E2 CC_FO CD_FI CE_F2 MCK FSYNC K SCK SDATA 13 CS12_FCK الد __JI__IB__ ___JI__4B__ -CBL -CERF عا الي __J1_40_ _58_الـ SYNC DL301 __JI 198 ال 68 <u> 190 الے</u> __J1_78_ الے الے __JI 9B _JI_148_ __JI 16B __JI_17B__ ____1<u>___29A</u> ___JI 29B 290 الى Y301 12.288MHz __JI_27A __J1_27B_ __JI 27C 1 C 3 0 2 74 H C U 0 4 __JI 32B 0304 BC847 — □> X I 2 M Y302 11.2896MHz ___JI_2B ع الے 0Z301 24V ال 318 عاد الي ____1 300 __JI 30B pn_morker D19M PAGE 3 / 4 DI9M C4 AD BOARD SC 1.940.560.21 STUDER

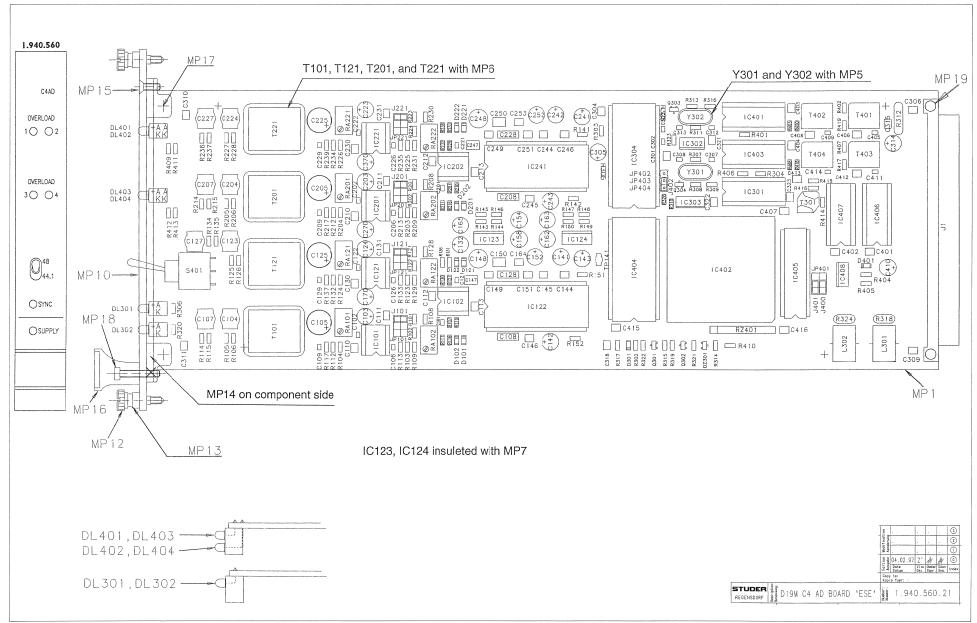


DI9M C4 AD Board 1.940.560.21



D19M C4 AD Board 1.940.560.21





STUDER



DI9M C4 AD Board 1.940.560.21

os.	Part No. Qty. Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
101	59 60 0220 22p	CER 63V. 5%. C0G. 0805	0 C 308	59.60.0330	33n	CER 63V 5% COG 0805	0 JP 404	54.01.0020	1p	Pin 0 63*0 63	0 R 216	57 60 1390	39R	MF 1% 0204 F24
102	59.60.0220 22p 59.60.0221 220p	CER 63V, 5%, COG, 0805	0 C309	59.60.0330	33p 100n	CER 63V, 10%, C0G, 0805 CER 63V, 10%, X7R, 1210	0 JP 404	54.01.0020	тр	Pin 0.63*0.63	0 R 216	57.60.1390 57.60.1392	39R 3K9	MF, 1%, 0204, E24 MF, 1%, 0204, E24
13	59 22 3470 47u	EL 10V 20% RM5	0 C 310	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 L 301	62.03.0010	48uH	2A Toroid Chocke	0 R 223	57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
14	59.05.1221 220p	PP. 1%, 630V	0 C310	59.60.1104										
14 15		EL 10V. 20%. RM5	0 C312		100n	CER 63V, 10%, X7R, 1210	0 L 302	62.03.0010	48uH	2A Toroid Chocke	0 R 224	57.60.1432	4K3	MF, 1%, 0204, E24
				59.60,0330	33p	CER 63V, 5%, C0G, 0805					0 R 225	57.60,1103	10K	MF, 1%, 0204, E24
6	59.60.0220 22p	CER 63V, 5%, COG, 0805	0 C 313	59.60.0330	33p	CER 63V, 5%, C0G, 0805	0 MP 1	1.940.560.11		D19M C4 AD BOARD PCB	0 R 226	57.60.1681	680R	MF, 1%, 0204, E24
7	59.05.1221 220p	PP, 1%, 630V	0 C 314	59.22.5220	22u	EL 25V. 20%, RM5	0 MP 2	1.940.560.04		TYPENSCHILD	0 R 227	57.60.1332	3K3	MF, 1%, 0204, E24
8	59.06.0682 6n8	PETP, 63V, 10%, RM5	0 C 315	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 MP3	43.01.0108	Label	ESE-WARNSCHILD	0 R 228	57.60.1222	2K2	MF, 1%, 0204, E24
9	59.60.1152 1n5	CER 63V, 10%, X7R, 0835	0 C 318	59.60.1104	. 100n	CER 63V, 10%, X7R, 1210	0 MP4	1.101.001.20	Label	TEXT-ETIK. 5*20 HARDWARE -20	0 R 229	57.60.1103	10K	MF, 1%, 0204, E24
0	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 C 321	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 MP5	89.01.1499 2 pcs		QUARZ - ISOLIERPLATTE	0 R 230	57.60.1152	1K5	MF, 1%, 0204, E24
1	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 C 322	59.60.1104	100n	CER 63V 10% X7R 1210	0 MP6	1 022 400 03 4 pps		ISOLATION	0 R 231	57 60 1392	3K9	MF 1% 0204 F24
2	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 C 323	59 60 1104	100n	CER 63V, 10%, X7R, 1210	0 MP7	1,010.127.65 2 pcs		SCHRUMPFSCHLAUCH BL,D 9.5* 15	0 R 232	57.60.1103	10K	MF, 1%, 0204, E24
3	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 C 370	59 22 6100	10u	EL 35V 20%, RM5	0 MP 10	1.940.560.01 1 pce		FRONTPLATTE	0 R 233	57.60.1390	39R	MF, 1%, 0204, E24
1	59 60 0220 22p	CER 63V. 5%. COG. 0805	0 C 401	59.60,1104	100n	CER 63V.10%, X7R, 1210	0 MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE	0 R 234	57.60.1102	1K	MF, 1%, 0204, E24
2	59.60.0221 220p	CER 63V. 5%, COG, 0805												
		PP. 1%. 630V	0 C 402	59.60,1104	100n	CER 63V, 10%, X7R, 1210	0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)	0 R 235	57.60.1184	180K	MF, 1%, 0204, E24
3	59.05.1221 220p		0 C 403	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)	0 R 236	57.60.1332	3K3	MF, 1%, 0204, E24
4	59.22.3470 47u	EL 10V, 20%, RM5	0 C 404	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)	0 R 237	57.60.1222	2K2	MF, 1%, 0204, E24
5	59.22.3221 220u	EL 10V, 20%, RM5	0 C 405	59.60.0101	100p	CER 63V, 5%, C0G, 0805	0 MP 15	49.02.0523 1 pce		Senk-Schr, KS, Senkripp	0 R 238	57.60.1390	39R	MF, 1%, 0204, E24
6	59.60.0220 22p	CER 63V, 5%, C0G, 0805	0 C 406	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff	0 R 239	57.60.1392	3K9	MF, 1%, 0204, E24
.7	59.05.1221 220p	PP, 1%, 630V	0 C 407	59.60.1104	100n	CER 63V. 10%, X7R, 1210	0 MP 17	21.53.0279 2 pcs		Z - SCHR. IS , ZN , M2.5 * 6	0 R 302	57.60.1823	82K	MF, 1%, 0204, E24
18	59.06.0682 6n8	PETP, 63V, 10%, RM5	0 C 408	59.60.1104	130n	CER 63V 10% X7R 1210	0 MP 18	21.53.0284 1 pce		Z - SCHR, IS , ZN , M2.5 * 16	0 R 303	57.60.1102	1K	MF, 1%, 0204, E24
9	59.60.1152 1n5	CER 63V, 10%, X7R, 0805	0 C 409	59.60.0101	130p '	CER 63V, 5%, COG, 0805	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 304	57.60.1103	10K	MF, 1%, 0204, E24
10	59.60.1104 100n	CER 63V, 10%, X7R, 1210					O MP 19	26.99.0119 2 pcs		ROHKNETE D 2.0 0.10 9	0 R 305	57.60.1220	. 22R	MF, 1%, 0204, E24
	59.60.1104 100n 59.60.1104 100n	CER 63V, 10%, X/R, 1210 CER 63V, 10%, X/R, 1210	0 C 410	59.22.8479	4.17	EL 50V, 20%, RM5			B005	0.000000	0 R 305	57.60.1220 57.60.1821	820R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
31			0 C 411	59.60.0101	130p	CER 63V, 5%, COG, 0805	0 Q 301	50.60.1001	BC857B	Q BC 857 B, SOT 23				
12	59.22.5220 22u	EL 25V, 20%, RM5	0 C 412	59.60.1104	130n	CER 63V, 10%, X7R, 1210	0 Q 302	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 R 307	57.60.1105	1M	MF, 1%, 0204, E24
1	59.22.5220 22u	EL 25V, 20%, RM5	0 C 413	59.60.1104	130n	CER 63V, 10%, X7R, 1210	0 Q 303	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 R 308	57.60.1333	33K	MF, 1%, 0204, E24
2	59.22.5220 22u	EL 25V, 20%, RM5	0 C 414	59.60.0101	130p	CER 63V,5%, C0G, 0805	0 Q 304	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 R 309	57,60,1333	33K	MF, 1%, 0204, E24
3	59.22.5220 22u	EL 25V, 20%, RM5	0 C 415	59.60.1104	130n	CER 63V, 10%, X7R, 1210					0 R 310	57.60.1103	10K	MF, 1%, 0204, E24
4	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 C 416	59.60.1104	100n	CER 63V, 10%, X7R, 1210	0 R 101	57,60,1103	10K	MF, 1%, 0204, E24	0 R 311	57.60.1105	1M	MF, 1%, 0204, E24
5	59.60.1104 100n	CER 63V, 10%, X7R, 1210					0 R 102	57.60.1432	4K3	MF. 1%, 0204, E24	0 R 312	57.92.7053	1.6A	POLY- PTC, 30V
6	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 D 101	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 102	57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 313	57.60,1333	33K	MF, 1%, 0204, E24
7	59.60.110° 10011	CER 63V, 10%, X7R, 1210	0 D 101 0 D 102	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 103	57,60,1103 57,60,1681	10K 680R	MF, 1%, 0204, E24 MF 1%, 0204, E24	0 R 314	57.60.1333	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	59.80.1224 220n 59.22.3101 100u	EL 10V. 20%, RM5											10K 5K6	MF, 1%, 0204, E24 MF, 1%, 0204, E24
8		CER 63V, 10%, X7R, 1210	0 D 121	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 105	57.60.1332	3K3	MF, 1%, 0204, E24		57.60.1562		
9			0 D 122	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 106	57,60.1222	2K2	MF, 1%, 0204, E24	0 R 316	57.60.1333	33K	MF, 1%, 0204, E24
0	59.60.1224 220n	CER 63V, 10%, X7R, 1812	0 D 201	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 107	57.60.1103	10K	MF, 1%, 0204, E24	0 R 317	57.60.1106	10M	MF, 2%, 0204, E24
1	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 D 202	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 108	57.60.1152	1K5	MF, 1%, 0204, E24	0 R 318	57.92.7019	0.4A	POLY- PTC, 60V
52	59.22.5220 22u	EL 25V, 20%, RM5	0 D 221	50.60.8101	BAS85	D BAS 85 SOD 80	0 R 109	57.60.1392	3K9	MF, 1%, 0204, E24	0 R 319	57.60.1683	68K	MF, 1%, 0204, E24
54	59.22.5220 22u	EL .25V, 20%, RM5	0 D 222	50 60 8101	BASS5	D BAS 85 SOD 80	0 R 110	57.60.1103	10K	MF, 1%, 0204, E24	0 R 320	57.60.1821	820R	MF, 1%, 0204, E24
5.R	59 22 6100 10u	EL 35V. 20%, RM5	0 D 301	50.60.8001	4448	D LL 4448 SOD 80	0 R 111	57.60.1390	39R	MF, 1%, 0204, E24	0 R 321	57 60 1103	10K	MF 1% 0204 F24
2	59.22.6100 10u	El. 35V 20% RM5	0 D 401	50.60.8001	4448	D LL 4448 SOD 80	0 R 112	57.60.1102	1K	MF. 1%, 0204, E24	0 R 322	57.60.1103	10K	MF, 1%, 0204, E24
3	59.22.5220 22u	EL 25V, 20%, RM5	U D 401	50.60.8001	4448	D LL 4448 SOD 80					0 R 323	57.60.1103	10K	MF, 1%, 0204, E24
							0 R 113	57.60.1184	180K	MF, 1%, 0204, E24				
34	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 DL 301	50.04.2202	HLMP1790	DL HLMP - 1790 GN	0 R 114	57.60.1332	3K3	MF, 1%, 0204, E24	0 R 324	57.92.7019	0.4A	POLY- PTC, 60V
65	59.22.5220 22u	EL 25V, 20%, RM5	0 DL 302	50.04,2202	FLMP1790	DL HLMP - 1790 GN	0 R 115	57.60.1222	2K2	MF, 1%, 0204, E24	0 R 325	57.60.1683	68K	MF, 1%, 0204, E24
70	59.22.6100 10u	EL 35V, 20%, RM5	0 DL 401	50.04.2200	HLMP1700	DL HLMP - 1700 RT	0 R 116	57.80.1390	39R	MF, 1%, 0204, E24	0 R 326	57.60.1220	22R	MF, 1%, 0204, E24
01	59.60.0220 22p	CER 63V, 5%, C0G, 0805	0 DL 402	50.04,2200	HLMP1700	DL HLMP - 1700 RT	0 R 117	57.60.1392	3K9	MF, 1%, 0204, E24	0 R 401	57.60,1222	2K2	MF, 1%, 0204, E24
02	59.60.0221 220p	CER 63V, 5%, C0G, 0805	0 DL 403	50.04.2200	FLMP1700	DL HLMP - 1700 RT	0 R 121	57.60.1103	10K	MF, 1%, 0204, E24	0 R 402	57.60.1220	22R	MF, 1%, 0204, E24
03	59.22.3470 47u	EL 10V. 20%, RM5	0 DL 404	50.04.2200	FLMP1700	DL HLMP - 1700 RT	0 R 122	57.60.1432	4K3	MF. 1%, 0204, E24	0 R 403	57.60.1220	22R	MF, 1%, 0204, E24
14	59.05.1221 220p	PP, 1%, 630V	0 DL 404	00.04.2200	FEME 1700	DL HLMF - 1700 K)	0 R 123	57.50.1432	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 404	57.60.1105	1M	MF, 1%, 0204, E24
15	59.22.3221 220u	EL 10V, 20%, RM5									0 R 405	57.60.1103	100K	MF. 1%, 0204, E24
			0 DZ 301	50.60.9026	24V	5%, 0.2W, SOT 23	0 R 124	57.50.1681	680R	MF, 1%, 0204, E24				
16	59.60.022) 22p	CER 63V, 5%, C0G, 0805					0 R 125	57.50.1332	3K3	MF, 1%, 0204, E24	0 R 406	57.60.1222	2K2	MF, 1%, 0204, E24
07	59.05.1221 220p	PP, 1%, 630V	0 IC 101	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0 R 126	57.60.1222	2K2	MF, 1%, 0204, E24	0 R 407	57.60.1220	22R	MF, 1%, 0204, E24
08	59.06.0682 6n8	PETP, 63V, 10%, RM5	0 IC 102	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0 R 127	57.30.1103	10K	MF, 1%, 0204, E24	0 R 408	57.60.1220	22R	MF, 1%, 0204, E24
9	59.60.1152 1n5	CER 63V, 10%, X7R, 0905	0 IC 121	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0 R 128	57.30.1152	1K5	MF, 1%, 0204, E24	0 R 409	57.60.1821	820R	MF, 1%, 0204, E24
10	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 IC 122	50,19,0205	CS5390	IC CS 5390 - KP A	0 R 129	57.50.1392	3K9	MF, 1%, 0204, E24	0 R 410	57.60,1000	0R0	MF, 0204
1	59.60,1104 100n	CER 63V, 10%, X7R, 1210	0 IC 123	50.10.0104	LM317SP	IC LM 317 SPT.	0 R 130	57.50.1103	10K	MF. 1%, 0204, E24	0 R 411	57.60.1821	820R	MF, 1%, 0204, E24
12	59.60.1104 100n	CER 63V 10% X7R 1210	0 IC 123	50.10.0105	IM337KC	IC LM 337 KC SP T	0 R 131	57.50.1390	39R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 412	57.60.1821	820R	MF. 1%, 0204, E24
13	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 IC 124	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, A	0 R 131	57.50.1390 57.50.1102			0 R 413	57.60.1821	820R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	59.60.0220 22p	CER 63V, 5%, COG, 0805			5532AN	IC NE 5532 AN, NE 5532 AN, A			1K	MF, 1%, 0204, E24	0 R 413	57.60.1821 57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
21		OED 80V 50V 000 0000	0 IC 202	50.09.0106			0 R 133	57.60.1184	180K	MF, 1%, 0204, E24				
12	59.60.0221 220p	CER 63V, 5%, COG, 0805	0 IC 221	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0 R 134	57.60.1332	3K3	MF, 1%, 0204, E24	0 R 415	57.60.1221	220R	MF, 1%, 0204, E24
23	59.22.3470 47u	EL 10V, 20%, RM5	0 IC 241	50.19.0205	CS5390	IC CS 5350 - KP ,A	0 R 135	57.50.1222	2K2	MF, 1%, 0204, E24	0 R 416	57.60,1221	220R	MF, 1%, 0204, E24
24	59.05.1221 220p	PP, 1%, 630V	0 IC 301	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P ,A	0 R 136	57.30.1390	39R	MF, 1%, 0204, E24	0 R 417	57.60.1270	27R	MF, 1%, 0204, E24
2.5	59.22.3221 220u	EL 10V, 20%, RM5	0 IC 302	50,62,1904	74HCU04	IC 74 HCU 04 . ,A	0 R 137	57.30.1392	3K9	MF, 1%, 0204, E24	0 R 418	57.60.1270	27R	MF, 1%, 0204, E24
16	59.60.0220 22p	CER 63V, 5%, C0G, 0805	0 IC 303	50.62.1153	74HC153	IC 74 HC 153 . ,A	0 R 141	57.30.1100	10R	MF, 1%, 0204, E24	0 R 419	57.60.1270	27R	MF, 1%, 0204, E24
27	59.05.1221 220p	PP, 1%, 630V	0 IC 304	50.13.0202	CS8412	IC CS 8412-CP ,A	0 R 142	57,30,1470	47R	MF, 1%, 0204, E24	0 R 420	57.60.1270	27R	MF, 1%, 0204, E24
88	59.06.0682 6n8	PETP, 63V, 10%, RM5	0 IC 401	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P A	0 R 143	57 30 1220	22R	MF. 1%, 0204, E24				
29	59.60.1152 1n5	CER 63V. 10%, X7R, 0805	0 10 402	1.940.966.21		SW 560 MICADOR (50.63.4205)	0 R 144	57.30.1220	22R	MF, 1%, 0204, E24	0 RA 101	58.05.1201	200R	10%, 0.5W, Cermet
30	59.60.1104 100n	CER 63V, 10%, X7R, 1000	0 IC 402	1.940.966.21 50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,A	0 R 144	57.30.1220 57.30.1102	22R 1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 RA 102	58.05.1103	10k	10%, 0.5W, Cermet
	59.60.1104 100n 59.60.1104 100n	CER 63V, 10%, X/R, 1210 CER 63V, 10%, X/R, 1210	0 IC 403 0 IC 404	50.15.0127 1.940.968.20	34687	SW 560 ADCBIT (50.14.0155)		57.30.1102 57.30.1302	1K 3K0		0 RA 102	58.05.1103	200R	10%, 0.5W, Cermet
31			- 1- 1- 1				0 R 146	01100110001		MF, 1%, 0204, E24	0 RA 121	58.05.1201	10k	10%, 0.5W, Cermet
11	59.22.5220 22u	EL 25V, 20%, RM5	0 IC 405	50.14.1009	CY7C128-35		0 R 147	57.30.1302	3K0	MF, 1%, 0204, E24				
2	59.22.5220 22u	EL 25V, 20%, RM5	0 IC 406	50.06.0595	74LS595	IC SN 74 LS 595 N	0 R 148	57.30.1102	1K .	MF, 1%, 0204, E24	0 RA 201	58.05.1201	200R	10%, 0.5W, Cermet
13	59.22.5220 22u	EL 25V, 20%, RM5	0 IC 407	50.06.0595	74LS595	IC SN 74 LS 595 N	0 R 149	57.50.1220	22R	MF, 1%, 0204, E24	0 RA 202	58.05.1103	10k	10%, 0.5W, Cermet
4	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 IC 408	50.62.6014	74ACT 14	74 ACT 14 .	0 R 150	57.80.1220	22R	MF, 1%, 0204, E24	0 RA 221	58.05.1201	200R	10%, 0.5W, Cermet
5	59.60,1104 100n	CER 63V, 10%, X7R, 1210					0 R 151	57.50.1100	10R	MF. 1%, 0204, E24	0 RA 222	58.05.1103	10k	10%, 0.5W, Cermet
6	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 J1	54 11 2009		J EU-R 3*32	0 R 152	57.50.1100	47R	MF. 1%, 0204, E24	_	-		
17	59.60.1224 220n	CER 63V, 10%, X7R, 1812	0 J101	54.01.0021	Jumper	0.63 * 0.63mm	0 R 102	57.50.1470	4/K 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 RZ 401	57.88.4103	8*10k	2%, SIP 9
18	59.00.1224 22011 59.22.3101 100u	EL 10V. 20%, RM5		54,01,0021	Jumper	0.63 * 0.63mm					- 112-701	530.4100		
		CER 63V. 10%, X7R. 1210	0 J 121				0 R 202	57.50.1432	4K3	MF, 1%, 0204, E24	0 S 401	55.11.0202	SPST	Toggle on none
9	59.60.1104 100n		0 J 201	54.01.0021	Jumper	0.63 * 0.63mm	0 R 203	57.80.1103	10K	MF, 1%, 0204, E24	0 8 401	55.11.0202	SPSI	Toggle on - none - on
50	59.60.1224 220n	CER 63V, 10%, X7R, 1812	0 J 221	54.01.0021	Jumper	0.63 * 0.63mm	0 R 204	57.60.1681	680R	MF, 1%, 0204, E24				
51	59.60.1104 100n	CER 63V, 10%, X7R, 1210	0 J400	54.01.0021	Jumper	0.63 * 0.63mm	0 R 205	57.60.1332	3K3	MF, 1%, 0204, E24	0 T 101	1.022.454.00	1:0.175	EINGANGSTRAFO 1:0,
52	59.22.5220 22u	EL 25V, 20%, RM5	0 J 401	54.01.0021	Jumper	0.63 * 0.63mm	0 R 206	57.60.1222	2K2	MF. 1%, 0204, E24	0 T 121	1.022.454.00	1:0.175	EINGANGSTRAFO 1:0,
3	59.60.1104 100n	CER 63V. 10%, X7R, 1210	0 J 402	54.01.0021	Jumper	0.63 * 0.63mm	0 R 200	57.60.1222	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 T 201	1.022.454.00	1:0.175	EINGANGSTRAFO 1:0.
70	59.22.6100 10u	EL 35V. 20%, RM5	U J 402	04.01.00Z1	varriper	0.00 U.UMIIII					0 T 221	1.022.454.00	1:0.175	EINGANGSTRAFO 1:0.
70 01						Di- a compan Data C:	0 R 208	57.60.1152	1K5	MF, 1%, 0204, E24	0 T 221	1.022.404.00	1:0.175	DI/DO TRANSFORMER
		CER 63V, 10%, X7R, 1210	0 JP 101	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 209	57.60.1392	3K9	MF, 1%, 0204, E24				
	59.60.1103 10n	CER 63V, 10%, X7R, 0805	0 JP 121	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 210	57.60.1103	10K	MF, 1%, 0204, E24	0 T 401	1.022.647.00	1:1.4	OUTPUT TRAFO AES/E
02	59.60.1103 10n	CER 63V, 10%, X7R, 0805	0 JP 201	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 211	57.60,1390	39R	MF, 1%, 0204, E24	0 T 402	1.022.647.00	1:1.4	OUTPUT TRAFO AES/E
02						D: 0.000000 D110 D1						1.022.647.00	1:1.4	OUTDUIT TO ACO ACCIC
302 303 304	59.60.1473 47n	CER 63V, 10%, X7R, 1210	0 JP 221	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 212	57.60.1102	1K	MF, 1%, 0204, E24	0 T 403	1.022.647.00	1:1.4	OUTPUT TRAFO AESIE
102 103		CER 63V, 10%, X7R, 1210 EL 25V, 20%, RM5									0 T 403	1.022.647.00	1:1.4	OUTPUT TRAFO AES/E
102 103 104	59.60.1473 47n		0 JP 221 0 JP 401 0 JP 402	54.11.0136 54.11.0136 54.01.0020	2°3p 2°3p 1p	Pin 0.63*0.63, RM2.54 Pin 0.63*0.63, RM2.54 Pin 0.63*0.63	0 R 212 0 R 213 0 R 214	57.60.1102 57.60.1184 57.60.1332	1K 180K 3K3	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24				OUTPUT TRAFO AES/ER OUTPUT TRAFO AES/ER



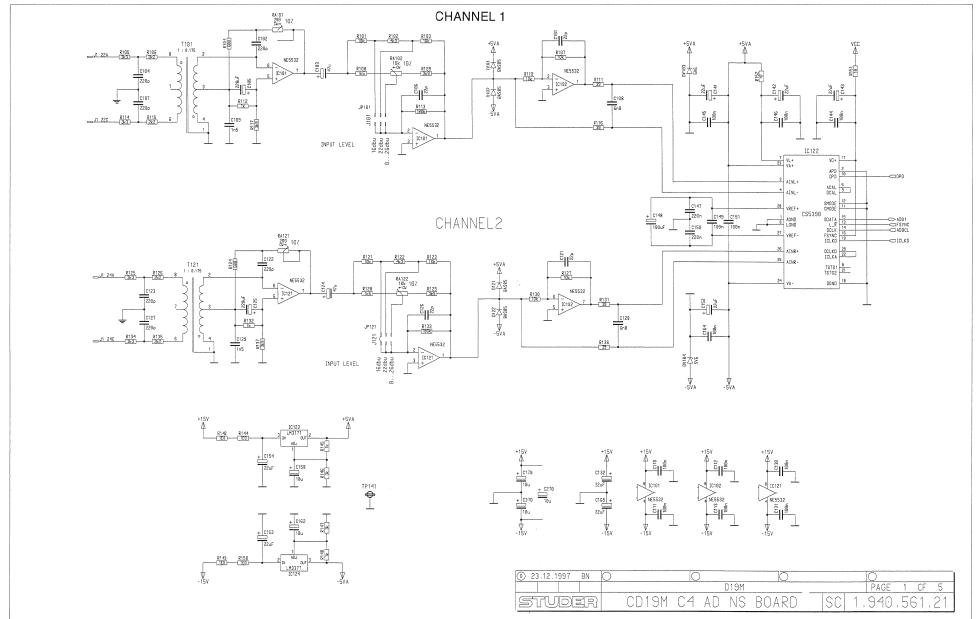


DI9M C4 AD Board 1.940.560.21

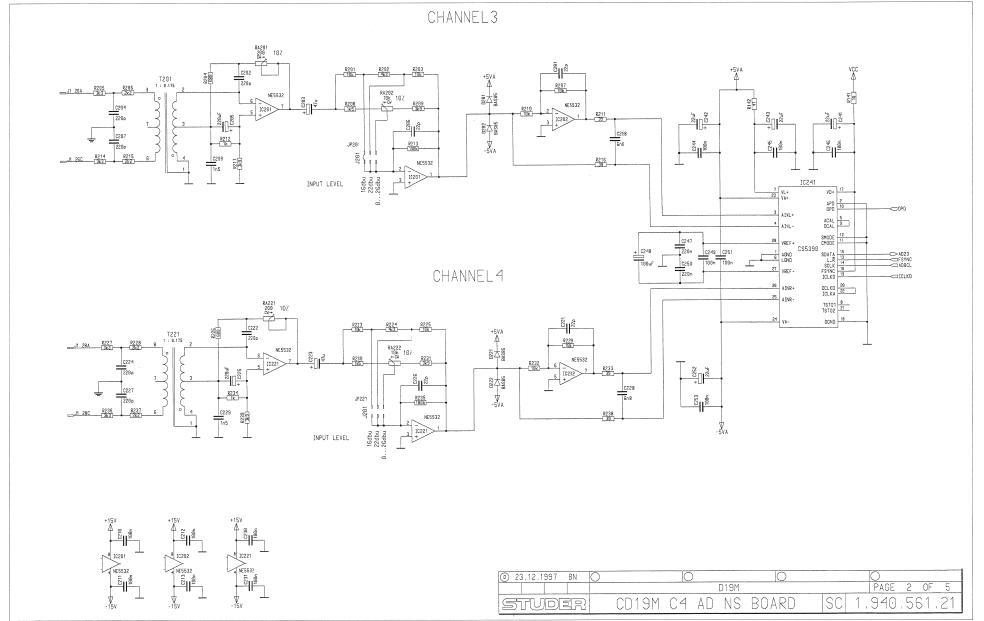
	Pos.	Part No. Qty.	. Type/Val.	Description
0	XDL 301	50.20.2501	Spacer	LED-Sockel
0	XDL 302	50.20.2501	Spacer	LED-Sockel
0	XDL 401	50.20.2501	Spacer	LED-Sockel
0	XDL 403	50.20.2501	Spacer	LED-Sockel
٥	XIC 101	53.03.0168	16p	DIL 0.3", löt, gerade
0	XIC 402	53.03.2284	PLCC84p	PLCC-Socket 84p
0	XIC 403	53.03.0168	16p	DIL 0.3", löt, gerade
0	XIC 404	53.03.0173	28p	DIL 0.6", löt, gerade
0	Y 301	89.01.1015	12.288MHz	Y 12.288 MHZ, HC 49/U
0	Y 302	89.01.0559	11.289MHz	Y 11.2896 MHZ,

Comments:
IC-Sockel XIC nn entsprechend den IC Nummern bestuecken.
LED-Sockel XDL nn entsprechend den DL Nummern bestücken.

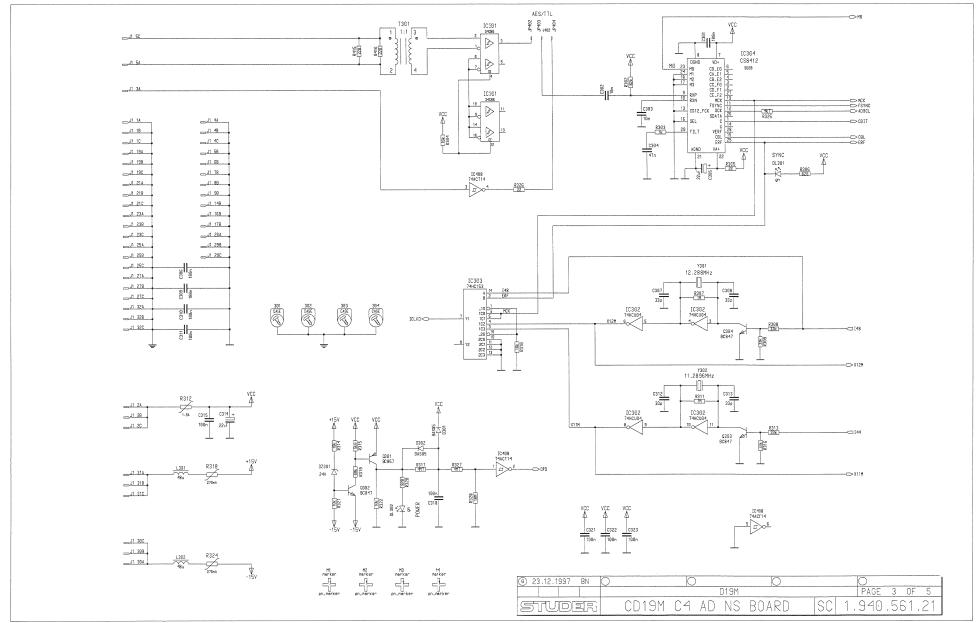






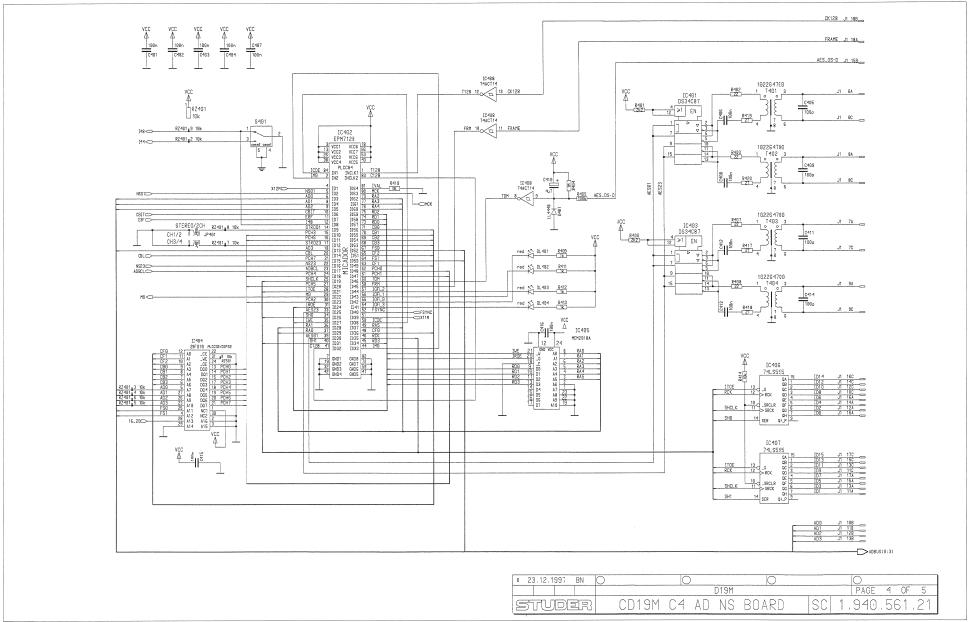




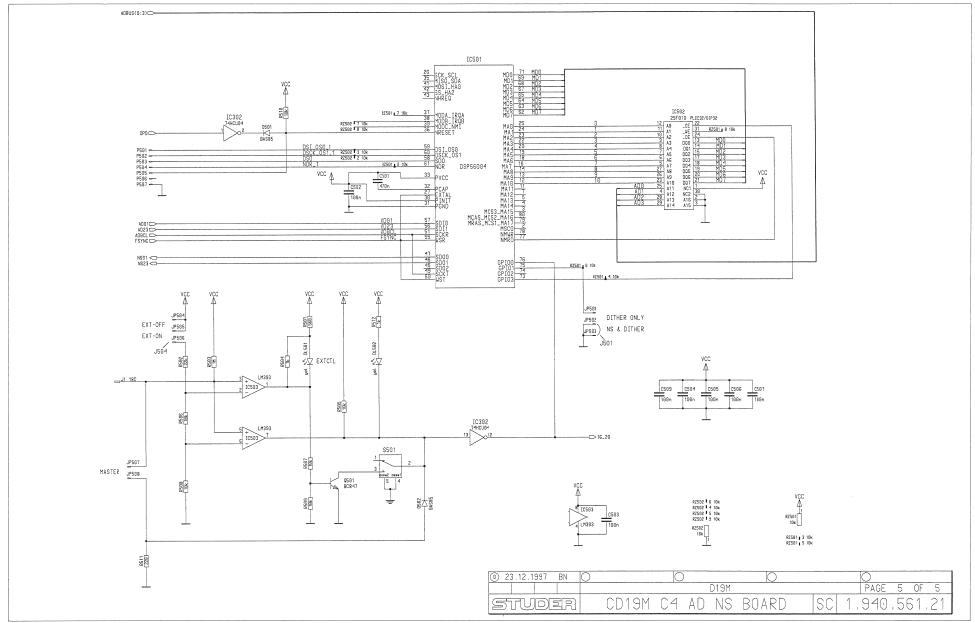


STUDER

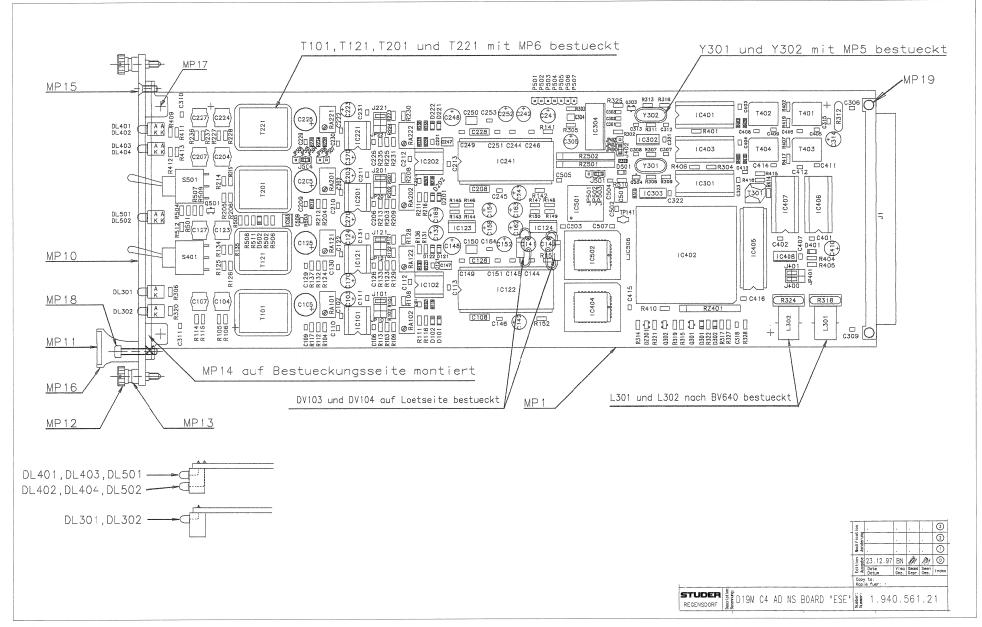
















		Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No. Qt	y. Type/Val.	Description
0	C 101	59.60.0220	22p	CER 63V, 5%, C0G, 0805	0	C 301	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0	C 102	59.60.0221	220p	CER 63V, 5%, COG, 0805	0	C 302	59.60.1103	10n	CER 63V, 10%, X7R, 0805
	C 103	59.22.3470	47u	EL 10V 20% RM5	0	C 303	59.60.1103	10n	CER 63V, 10%, X7R, 0805
	C 104	59.05.1221	220p	PP. 1%, 630V	0	C 304	59.60.1473	47n	CER 63V, 10%, X7R, 1210
	C 105	59.22.3221	220u	EL 10V 20% RM5	0	C 305	59.22.5220	22u	EL 25V 20% RM5
	C 106	59.60.0220	22p	CER 63V, 5%, C0G, 0805	0	C 306	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 107	59.05.1221	220p	PP, 1%, 630V	0	C 307	59.60.0330	33p	CER 63V, 5%, C0G, 0805
	C 108	59.06.0682	6n8	PETP, 63V, 10%, RM5	ő	C 308	59.60.0330	33p	CER 63V, 5%, C0G, 0805
	C 100	59.60.1152		CER 63V, 10%, X7R, 0805		C 309	59.60.3337		
			1n5		0			100n	CER 50V, 10%, X7R, 0805
	C 110	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 310	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 111	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 311	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 112	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 312	59.60.0330	33p	CER 63V, 5%, C0G, 0805
	C 113	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 313	59.60.0330	33p	CER 63V, 5%, C0G, 0805
	C 121	59.60.0220	22p	CER 63V, 5%, C0G, 0805	0	C 314	59.22.5220	22u	EL 25V 20% RM5
	C 122	59.60.0221	220p	CER 63V, 5%, C0G, 0805	0	C 315	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 123	59.05.1221	220p	PP, 1%, 630V	0	C 318	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 124	59.22.3470	47u	EL 10V 20% RM5	0	C 321	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 125	59.22.3221	220u	EL 10V 20% RM5	0	C 322	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 126	59.60.0220	22p	CER 63V, 5%, C0G, 0805	0	C 323	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 127	59.05.1221	220p	PP, 1%, 630V	0	C 370	59.22.6100	10u	EL 35V 20% RM5
	C 128	59.06.0682	6n8	PETP, 63V, 10%, RM5	0	C 401	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 120	59.60.1152	1n5	CER 63V, 10%, X7R, 0805	0	C 401			
	C 129	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 402	59.60.3337 59.60.3337	100n	CER 50V, 10%, X7R, 0805
					0	C 404	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 131	59.60.3337	100n	CER 50V, 10%, X7R, 0805			59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 132	59.22.5220	22u	EL 25V 20% RM5	0	C 405	59.60.0101	100p	CER 63V, 5%, C0G, 0805
	C 141	59.22.5220	22u	EL 25V 20% RM5	0	C 406	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 142	59.22.5220	22u	EL 25V 20% RM5	0	C 407	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 143	59.22.5220	22u	EL 25V 20% RM5	0	C 408	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 144	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 409	59.60.0101	100p	CER 63V, 5%, C0G, 0805
	C 145	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 410	59.22.8479	4u7	EL 50V 20% RM5
	C 146	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 411	59.60.0101	100p	CER 63V, 5%, C0G, 0805
	C 147	59.60.1224	220n	CER 63V, 10%, X7R, 1812	0	C 412	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 148	59.22.3101	100u	EL 10V 20% RM5	0	C 413	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 149	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 414	59.60.0101	100p	CER 63V, 5%, C0G, 0805
	C 150	59.60.1224	220n	CER 63V, 10%, X7R, 1812	0	C 415	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 151	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 416	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 152	59.22.5220	22u	EL 25V 20% RM5	ō	C 501	59.60.3845	470n	
					ō	C 502			CER 50V, 10%, X7R, 2220
	C 154	59.22.5220	22u		0	C 502	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 158	59.22.6100	10u	EL 35V 20% RM5			59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 162	59.22.6100	10u	EL 35V 20% RM5	0	C 504	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 163	59.22.5220	22u	EL 25V 20% RM5	0	C 505	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 164	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	C 506	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 165	59.22.5220	22u	EL 25V 20% RM5	0	C 507	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 170	59.22.6100	10u	EL 35V 20% RM5	0	C 509	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	C 201	59.60.0220	22p	CER 63V, 5%, C0G, 0805	0	D 404	50.00.0404		
	C 202	59.60.0221	220p	CER 63V, 5%, C0G, 0805		D 101	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 203	59.22.3470	47u	EL 10V 20% RM5		D 102	50.60,8101	BAS85	200mA 30V Schottky SOD 80
	C 204	59.05.1221	220p	PP, 1%, 630V		D 121	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 205	59.22.3221	220u	EL 10V 20% RM5		D 122	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 206	59.60.0220	22p	CER 63V, 5%, C0G, 0805		D 201	50.60.8101	BAS85	200mA 30V Schottky SOD 80
		59.05.1221			0	D 202	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 207 C 208	59.05.1221 59.06.0682	220p 6n8	PP, 1%, 630V PETP, 63V, 10%, RM5		D 221	50.60.8101	BAS85	200mA 30V Schottky SOD 80
					0	D 222	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 209	59.60.1152	1n5	CER 63V, 10%, X7R, 0805	0	D 301	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 210	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	D 302	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 211	59.60.3337	100n	CER 50V, 10%, X7R, 0805		D 401	50.60.8001	4448	200mA 75V 4ns SOD 80
	C 212	59.60.3337	100n	CER 50V, 10%, X7R, 0805		D 501	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 213	59.60.3337	100n	CER 50V, 10%, X7R, 0805		D 502	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	C 221	59.60.0220	22p	CER 63V, 5%, C0G, 0805				2000	222.117. GOV CONOUNY GOD 60
	C 222	59.60.0221	220p	CER 63V, 5%, C0G, 0805	0	DL 301	50.04.2202	HLMP1790	DL HLMP - 1790 GN
	C 223	59.22.3470	47u	EL 10V 20% RM5	0	DL 302	50.04.2202	HLMP1790	DL HLMP - 1790 GN
	C 224	59.05.1221	220p	PP, 1%, 630V	0	DL 401	50.04.2200	HLMP1700	DL HLMP - 1700 RT
	C 225	59.22.3221	220u	EL 10V 20% RM5		DL 402	50.04.2200	HLMP1700	DL HLMP - 1700 RT
	C 226	59.60.0220	22p	CER 63V, 5%, C0G, 0805		DL 403	50.04.2200	HLMP1700	DL HLMP - 1700 RT
	C 227	59.05.1221	220p	PP, 1%, 630V		DL 404	50.04.2200	HLMP1700	DL HLMP - 1700 RT
	C 228	59.06.0682	6n8	PETP, 63V, 10%, RM5		DL 501	50.04.2201	HLMP1719	DL HLMP - 1719 GB
	C 229	59.60.1152	1n5	CER 63V, 10%, X7R, 0805		DL 501	50.04.2202	HLMP1790	DL HLMP - 1790 GN
	C 230	59.60.3337	100n	CER 50V, 10%, X7R, 0805	•		JU. J 1. LLUL	1161911 1730	DE 116011 - 1780 GIV
	C 231	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DV 103	50.04.1108	5V6	Zener, 5%, 0.5W, DO-35
	C 241	59.22.5220	22u	EL 25V 20% RM5		DV 104	50.04.1108	5V6	Zener, 5%, 0.5W, DO-35
	C 242	59.22.5220	22u	EL 25V 20% RM5					
	C 242	59.22.5220	22u 22u	EL 25V 20% RM5	0	DZ 301	50.60.9026	24V	5%, 0.2W, SOT 23
					0	C 101	50.09.0106	5522ANI	IC NE 5532 ANI NE 5500 ANI
	C 244	59.60.3337	100n	CER 50V, 10%, X7R, 0805				5532AN	IC NE 5532 AN, NE 5532 AN, ,A
	C 245	59.60.3337	100n	CER 50V, 10%, X7R, 0805		C 102	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, A
	C 246	59.60.3337	100n	CER 50V, 10%, X7R, 0805		C 121	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A
	C 247	59.60.1224	220n	CER 63V, 10%, X7R, 1812		C 122	50.19.0205	CS5390	A/D Converter 20bit delta sigm
	C 248	59.22.3101	100u	EL 10V 20% RM5		C 123	50.10.0104	LM317SP	Series regulator 1.5A+37V
	C 249	59.60.3337	100n	CER 50V, 10%, X7R, 0805		C 124	50.10.0105	LM337KC	Series regulator 1.5A37V
	C 250	59.60.1224	220n	CER 63V, 10%, X7R, 1812	0 1	C 201	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A
	C 251	59.60.3337	100n	CER 50V, 10%, X7R, 0805		C 202	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A
						C 221			
		59.22.5220	22u	EL 25V 20% RM5	0 1	C 221	50.09.0106	DOSZAN	IC NE 3532 AN. NE 5537 AN. A
	C 252 C 253	59.22.5220 59.60.3337	22u 100n	EL 25V 20% RM5 CER 50V, 10%, X7R, 0805		C 241	50.09.0106 50.19.0205	5532AN CS5390	IC NE 5532 AN, NE 5532 AN, ,A A/D Converter 20bit delta sigm





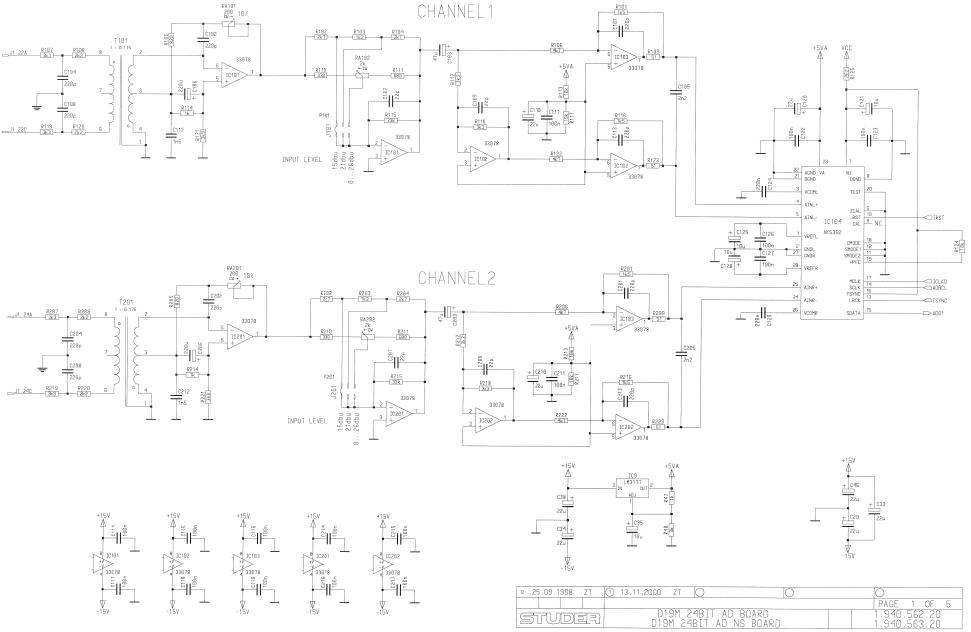
0 0	IC 302	50.62.1904								
0	10.000			74HCU04	Hex inverter unbuffered	0	R 109	57.60.1392	3K9	MF, 1%, 0204, E24
	IC 303	50.62.1153		74HC153	Dual 4ch multiplexer	0	R 110	57.60.1103	10K	MF, 1%, 0204, E24
-	IC 304	50.62.0913		CS8412	AES-Receiver	0	R 111	57.60.1390	39R	MF, 1%, 0204, E24
0	IC 401	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A	0	R 112	57.60.1102	1K	MF, 1%, 0204, E24
0	IC 402	1,940,966,21			EW 560 MICADOR (50.63.4205)	0	R 113	57.60.1184	180K	MF, 1%, 0204, E24
0	IC 403	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A	0	R 114	57.60.1332	3K3	MF, 1%, 0204, E24
0	IC 404	1.940.969.20			SW 561 ADCBIT (50.63.1303)	0	R 115	57.60.1222	2K2	MF, 1%, 0204, E24
0	IC 405	50.14.1009		7C128A	SRAM 2K*8 35ns	0	R 116	57.60.1390	39R	MF, 1%, 0204, E24
0	IC 406	50.06.0595		74LS595	SN 74 LS 595 N	0	R 117	57.60.1392	3K9	MF, 1%, 0204, E24
0	IC 407	50,06.0595		74LS595	SN 74 LS 595 N	0	R 121	57.60.1103	10K	MF, 1%, 0204, E24
0	IC 408	50.62.6014		74ACT 14	Hex inverting Schmitt trigger	0	R 122	57.60.1432	4K3	MF, 1%, 0204, E24
0	IC 501	50.63.0404		56004	DSP 56 004 40MHz	0	R 123	57.60.1103	10K	MF, 1%, 0204, E24
0	IC 502	1.940.978.20			SW 561 Dither+NS (50.63.1303)	0	R 124	57.60.1681	680R	MF, 1%, 0204, E24
0	IC 503	50.61.9001		LM393	Dual voltage comp. SO 8	0	R 125	57.60.1332	3K3	MF, 1%, 0204, E24
0	J 1	54.11.2009		96p	EU-R 3*32p	0	R 126	57.60.1222	2K2	MF, 1%, 0204, E24
					·	0	R 127	57.60.1103	10K	MF, 1%, 0204, E24
0	J 101	54.01.0021		Jumper	0.63 * 0.63mm	0	R 128	57.60.1152	1K5	MF, 1%, 0204, E24
0	J 121	54.01.0021		Jumper	0.63 * 0.63mm	0	R 129	57.60.1392	3K9	MF, 1%, 0204, E24
0	J 201	54.01.0021		Jumper	0.63 * 0.63mm	0	R 130	57.60.1103	10K	MF, 1%, 0204, E24
0	J 221	54.01.0021		Jumper	0.63 * 0.63mm	0	R 131	57.60.1390	39R	MF, 1%, 0204, E24
0	J 400	54.01.0021		Jumper	0.63 * 0.63mm	0	R 132	57.60.1102	1K	MF, 1%, 0204, E24
0	J 401	54.01.0021		Jumper	0.63 * 0.63mm	0	R 133	57.60.1184	180K	MF, 1%, 0204, E24
0	J 402	54.01.0021		Jumper	0.63 * 0.63mm	0	R 134	57.60.1332	3K3	MF, 1%, 0204, E24
0	J 501	54.01.0021		Jumper	0.63 * 0.63mm	0	R 135	57.60.1222	2K2	MF, 1%, 0204, E24
0	J 504	54.01.0021		Jumper	0.63 * 0.63mm	0	R 136	57.60.1390	39R	MF, 1%, 0204, E24
0	JP 101	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54	0	R 137	57.60.1392	3K9	MF, 1%, 0204, E24
0	JP 121	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54	0	R 141	57.60.1100	10R	MF, 1%, 0204, E24
0	JP 201	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54	0	R 142	57.60.1470	47R	MF, 1%, 0204, E24
0	JP 221	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54	0	R 143	57.60.1109	1R	MF, 1%, 0204, E24
0	JP 401	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54	0	R 144	57.60.1109	1R	MF, 1%, 0204, E24
0	JP 402	54.01.0020		1p	Pin 0.63*0.63	0	R 145	57.60.1102	1K	MF, 1%, 0204, E24
0	JP 403	54.01.0020		1p	Pin 0.63*0.63	0	R 146	57.60.1302	3K0	MF, 1%, 0204, E24
0	JP 404	54.01.0020		1p	Pin 0.63*0.63	0	R 147	57.60.1302	3K0	MF, 1%, 0204, E24
0	JP 501	54.01.0020		1p	Pin 0.63*0.63	0	R 148	57.60.1102	1K	MF, 1%, 0204, E24
0	JP 502	54.01.0020		1p	Pin 0.63*0.63	0	R 149	57.60.1109	1R	MF, 1%, 0204, E24
0	JP 503	54.01.0020		1p	Pin 0.63*0.63	ō	R 150	57.60.1109	1R	MF, 1%, 0204, E24
0	JP 504	54.01.0020		1p	Pin 0.63*0.63	ō	R 151	57.60.1100	10R	MF, 1%, 0204, E24
0	JP 505	54.01.0020		1p	Pin 0.63*0.63	0	R 152	57.60.1470	47R	MF, 1%, 0204, E24
0	JP 506	54.01.0020		1p	Pin 0.63*0.63	0	R 201	57.60.1103	10K	MF, 1%, 0204, E24
0	JP 507	54.01.0020		1p	Pin 0.63*0.63	0	R 202	57.60.1432	4K3	MF, 1%, 0204, E24
0	JP 508	54.01.0020		1p	Pin 0.63*0.63	0	R 203	57.60.1103	10K	MF, 1%, 0204, E24
0	1 204	60.00.0040		40	OA Taraid Obsalia	0	R 204	57.60.1681	680R	MF, 1%, 0204, E24
	L 301	62.03.0010		48uH	2A Toroid Chocke	0	R 205	57.60.1332	3K3	MF, 1%, 0204, E24
0	L 302	62.03.0010		48uH	2A Toroid Chocke	0	R 206	57.60.1222	2K2	MF, 1%, 0204, E24
0	MP 1	1.940.561.11			D19M C4 AD BOARD NS PCB	0	R 207	57.60.1103	10K	MF, 1%, 0204, E24
0	MP 2	1.940.561.04			TYPENSCHILD	ō	R 208	57.60.1152	1K5	MF, 1%, 0204, E24
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD	0	R 209	57.60.1392	3K9	MF, 1%, 0204, E24
0	MP 4	1.101.001.21			TEXT-ETIK. 5*20 HARDWARE -21	0	R 210	57.60.1103	10K	MF, 1%, 0204, E24
0	MP 5	89.01.1499	2 pcs		QUARZ - ISOLIERPLATTE	0	R 211	57.60.1390	39R	MF, 1%, 0204, E24
0	MP 6	1.022.400.03	4 pcs		ISOLATION	0	R 212	57.60.1102	1K	MF, 1%, 0204, E24
0	MP 7	1.010.127.65	2 pcs	9.5*15	Schrumpf-Schlauch bl	0	R 213	57.60.1184	180K	MF, 1%, 0204, E24
0	MP 10	1.940.561.01	1 pce		FRONTPLATTE C4AD NS	0	R 214	57.60.1332	3K3	MF, 1%, 0204, E24
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE	0	R 215	57.60.1222	2K2	MF, 1%, 0204, E24
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)	0	R 216	57.60.1390	39R	MF, 1%, 0204, E24
0	MP 13	49.02.0521			Metall-Buchse (Rack)	0	R 217	57.60.1392	3K9	MF, 1%, 0204, E24
	MP 14	49.02.0522			Kartenhalter (Rack)	0	R 223	57.60.1103	10K	MF, 1%, 0204, E24
	MP 15	49.02.0523		M2.5*7	Senk-Schr, KS, Senkripp	0	R 224	57.60.1432	4K3	MF, 1%, 0204, E24
	MP 16	49.02.0504		4TE	Frontplatten-Griff	0	R 225	57.60.1103	10K	MF, 1%, 0204, E24
	MP 17		2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0	R 226	57.60.1681	680R	MF, 1%, 0204, E24
	MP 18	21.53.0284		M2.5*16	Z-Schraube Inbus Zn gb chr	0	R 227	57.60.1332	3K3	MF, 1%, 0204, E24
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9	0	R 228	57.60.1222	2K2	MF, 1%, 0204, E24
0	P 501	not used		1p	Pin 0.63*0.63	0	R 229	57.60.1103	10K	MF, 1%, 0204, E24
	P 502	not used		1p 1p	Pin 0.63*0.63	0	R 230	57.60.1152	1K5	MF, 1%, 0204, E24
	P 503	not used		1p 1p	Pin 0.63*0.63	0	R 231	57.60.1392	3K9	MF, 1%, 0204, E24
	P 504	not used		1p 1p	Pin 0.63*0.63	0	R 232	57.60.1103	10K	MF, 1%, 0204, E24
	P 505	not used		1p 1p	Pin 0.63*0.63	0	R 233	57.60.1390	39R	MF, 1%, 0204, E24
	P 506	not used		1p 1p	Pin 0.63*0.63	0	R 234	57.60.1102	1K	MF, 1%, 0204, E24
	P 506	not used		1p 1p	Pin 0.63*0.63	0	R 235	57.60.1184	180K	MF, 1%, 0204, E24
-	. 501	not used			3.00 0.00	0	R 236	57.60.1332	3K3	MF, 1%, 0204, E24
0	Q 301	50.60.1001		BC857B	PNP 45V 100mA SOT 23	0	R 237	57.60.1222	2K2	MF, 1%, 0204, E24
0	Q 302	50.60.0001		BC847B	NPN 45V 100mA SOT 23	0	R 238	57.60.1390	39R	MF, 1%, 0204, E24
0	Q 303	50.60.0001		BC847B	NPN 45V 100mA SOT 23		R 239	57.60.1392	3K9	MF, 1%, 0204, E24
	Q 304	50.60.0001		BC847B	NPN 45V 100mA SOT 23		R 302	57.60.1823	82K	MF, 1%, 0204, E24
	Q 501	50.60.0001		BC847B	NPN 45V 100mA SOT 23		R 303	57.60.1102	1K	MF, 1%, 0204, E24
^	D 404	E7 80 4400		101/	ME 49/ 0204 E24	0	R 304	57.60.1103	10K	MF, 1%, 0204, E24
	R 101	57.60.1103		10K	MF, 1%, 0204, E24		R 305	57.60.1220	22R	MF, 1%, 0204, E24
	R 102	57.60.1432 57.60.1103		4K3	MF, 1%, 0204, E24		R 306	57.60.1102	1K	MF, 1%, 0204, E24
	R 103 R 104	57.60.1103		10K 680R	MF, 1%, 0204, E24		R 307	57.60.1105	1M	MF, 1%, 0204, E24
		57.60.1681		JOUR	MF, 1%, 0204, E24	0	R 308	57.60.1333	33K	MF, 1%, 0204, E24
0		57 60 1222		3K3	ME 1% 0204 E24	_	D 000	F7 00 40CC	0017	NE 401 0001 ED1
0	R 105	57.60.1332 57.60.1222		3K3	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0	R 309	57.60.1333	33K	MF, 1%, 0204, E24
0		57.60.1332 57.60.1222 57.60.1103		3K3 2K2 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24	0	R 309 R 310 R 311	57.60.1333 57.60.1103 57.60.1105	33K 10K 1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24



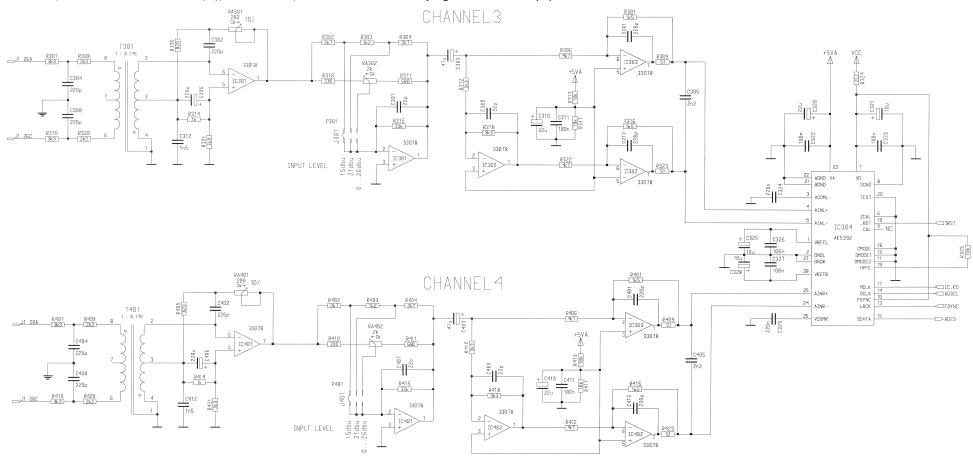


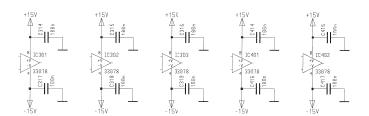
xk	Pos.	Part No.	Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 312	57.92.7053		1.6A	PTC 30V	0	R 512	57.60.1102		1K	MF, 1%, 0204, E24
0	R 313	57.60.1333		33K	MF, 1%, 0204, E24	•	RA 101	50.05.4004		200R	100/ 0.514/ 0
0	R 314	57.60.1103		10K	MF, 1%, 0204, E24	0	RA 101	58.05.1201			10%, 0.5W, Cermet
0	R 315	57.60.1562		5K6	MF, 1%, 0204, E24	0		58.05.1103		10k	10%, 0.5W, Cermet
0	R 316	57.60.1333		33K	MF, 1%, 0204, F24	0	RA 121 RA 122	58.05.1201 58.05.1103		200R 10k	10%, 0.5W, Cermet 10%, 0.5W, Cermet
)	R 317	57.60.1475		4M7	MF, 1%, 0204, E24	0	RA 201	58.05.1103		200R	· ·
)	R 318	57.92.1221		270mA	PTC 30V 6Ohm	0	RA 201				10%, 0.5W, Cermet
0	R 319	57.60.1683		68K	MF, 1%, 0204, E24	0	RA 202 RA 221	58.05.1103		10k 200R	10%, 0.5W, Cermet
כ	R 320	57.60.1821		820R	MF, 1%, 0204, E24			58.05.1201			10%, 0.5W, Cermet
0	R 321	57.60.1103		10K	MF, 1%, 0204, E24	0	RA 222	58.05.1103		10k	10%, 0.5W, Cermet
0	R 322	57.60.1103		10K	MF, 1%, 0204, E24	0	RZ 401	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	R 324	57.92.1221		270mA	PTC 30V 6Ohm	0	RZ 501	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	R 325	57.60.1472		4K7	MF, 1%, 0204, E24	0	RZ 502	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	R 326	57.60.1220		22R	MF, 1%, 0204, E24	_		,			2
0	R 327	57.60.1475		4M7	MF, 1%, 0204, E24	0	S 401	55.11.0202		SPDT	Toggle 1 * on-none-on
0	R 328	57.60.1106		10M	MF, 1%, 0204, E24	0	S 501	55.11.0202		SPDT	Toggle 1 * on-none-on
0	R 401	57.60.1222		2K2	MF, 1%, 0204, E24	0	T 404	4 000 454 00		4.0.475	FINANDOTRAFO 4.0.475
0	R 402	57.60,1220		22R	MF, 1%, 0204, E24	0	T 101 T 121	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	R 403	57.60.1220		22R	MF, 1%, 0204, E24			1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
)	R 404	57,60,1105		1M	MF, 1%, 0204, E24	0	T 201	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
5	R 405	57.60.1104		100K	MF, 1%, 0204, E24	0	T 221	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
)	R 406	57.60.1222		2K2	MF, 1%, 0204, E24	0	T 301	1.022.632.00		1:1	DI/DO TRANSFORMER
)	R 407	57.60.1220		22R	MF, 1%, 0204, E24	0	T 401	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
)	R 408	57.60.1220		22R	MF, 1%, 0204, E24	0	T 402	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
5	R 409	57.60,1102		1K	MF, 1%, 0204, E24	0	T 403	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
)	R 410	57.60.1000		0R0	MF, 0204	0	T 404	1.022,647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	R 411	57.60.1102		1K	MF, 1%, 0204, E24	0	TP 141	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	R 412	57.60.1102		1K	MF, 1%, 0204, E24	ŭ	., ,,,,	04.02.0020		''	1 Ob-1 lacilist 2.0 0.0, gerade
5	R 413	57.60.1102		1K	MF, 1%, 0204, E24	0	XDL 301	50.20.2501		Spacer	LED-Sockel
2	R 414	57.60.1103		10K	MF, 1%, 0204, E24	0	XDL 302	50.20.2501		Spacer	LED-Sockel
)	R 415	57.60.1221		220R	MF, 1%, 0204, E24	0	XDL 401	50.20.2501		Spacer	LED-Sockel
,	R 416	57.60.1221		220R	MF, 1%, 0204, E24	0	XDL 403	50.20.2501		Spacer	LED-Sockel
0	R 417	57.60.1221		27R	MF, 1%, 0204, E24	0	XDL 501	50.20.2501		Spacer	LED-Sockel
)	R 417	57.60.1270		27R 27R							
0				27R 27R	MF, 1%, 0204, E24	0	XIC 401	53.03.0168		16p	DIL 0.3", löt, gerade
	R 419	57.60.1270			MF, 1%, 0204, E24	0	XIC 402	53.03.2284		84p	PLCC-Socket
0	R 420	57.60.1270		27R	MF, 1%, 0204, E24	0	XIC 403	53.03.0168		16p	DIL 0.3", löt, gerade
כ כ	R 501	57.60.1561		560R 22K	MF, 1%, 0204, E24	0	XIC 404	53.03.2232		32p	PLCC-Socket
)	R 502	57.60.1223			MF, 1%, 0204, E24	0	XIC 502	53.03.2232		32p	PLCC-Socket
)	R 503	57.60.1105		1M	MF, 1%, 0204, E24	0	Y 301	89.01.1015		12 288MU-	XTAL HC 49/U
	R 504	57.60.1102		1K	MF, 1%, 0204, E24	0	Y 302	89.01.0559		11.289MHz	
)	R 505	57.60.1103		10K	MF, 1%, 0204, E24	U	1 302	69.01.0559		11.209IVIHZ	VIME
)	R 506	57.60.1103		10K	MF, 1%, 0204, E24						
)	R 507	57.60.1103		10K	MF, 1%, 0204, E24	***************************************				End of Lis	st ————
)	R 508	57.60.1103		10K	MF, 1%, 0204, E24	Con	nments				
)	R 509	57.60.1103		10K	MF, 1%, 0204, E24			blem at AD-cor	verter		
	R 510	57.60.1103		10K	MF, 1%, 0204, E24						
	R 511	57.60.1221		220R	MF, 1%, 0204, E24						



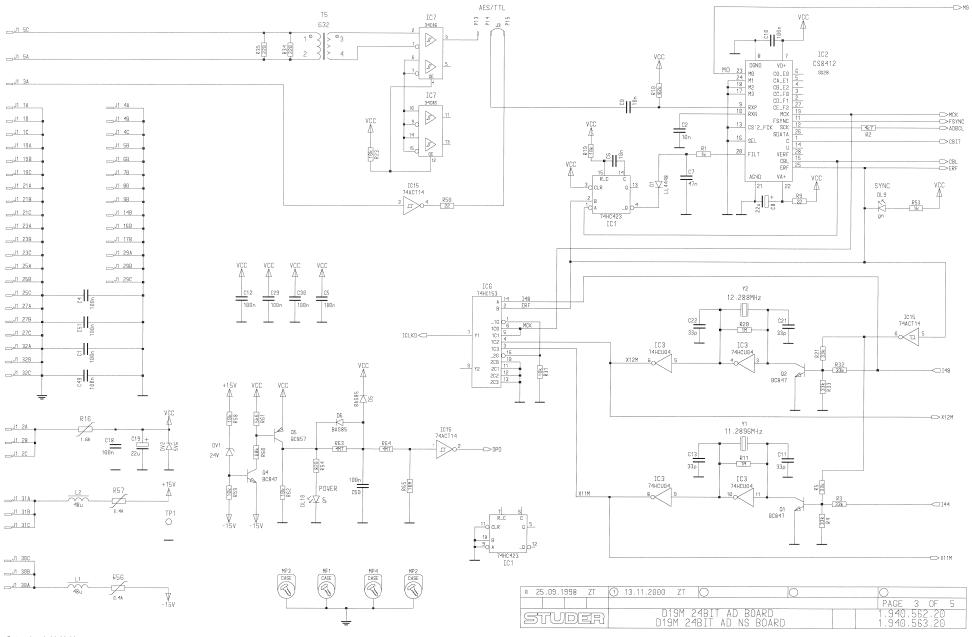


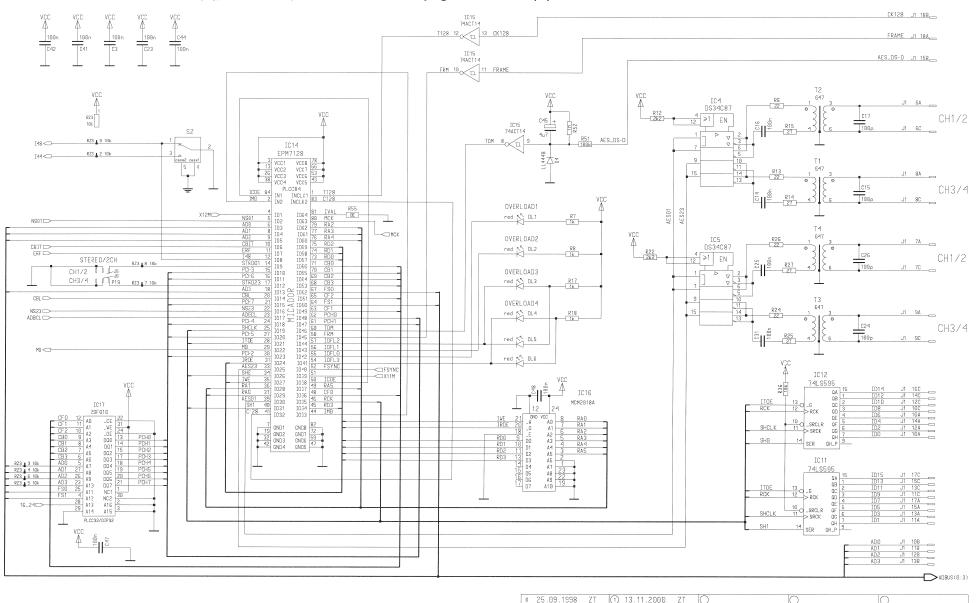






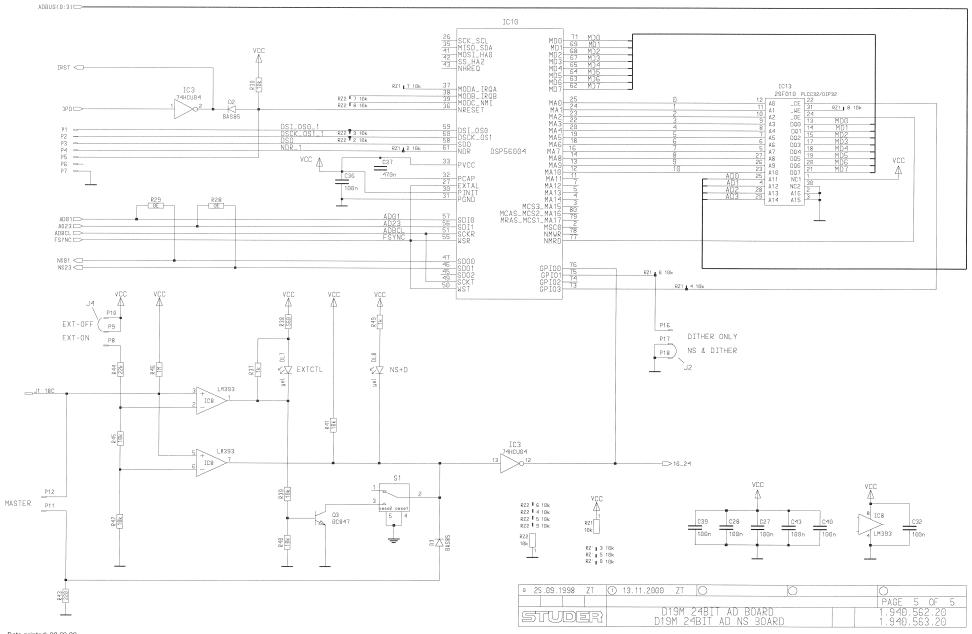
o 25.09.1998 ZT	① 13.11.2000 ZT 〇	0
		PAGE 2 OF 5
STUDER	D19M 24BIT AD BOARD D19M 24BIT AD NS BOARD	1.940.562.20 1.940.563.20



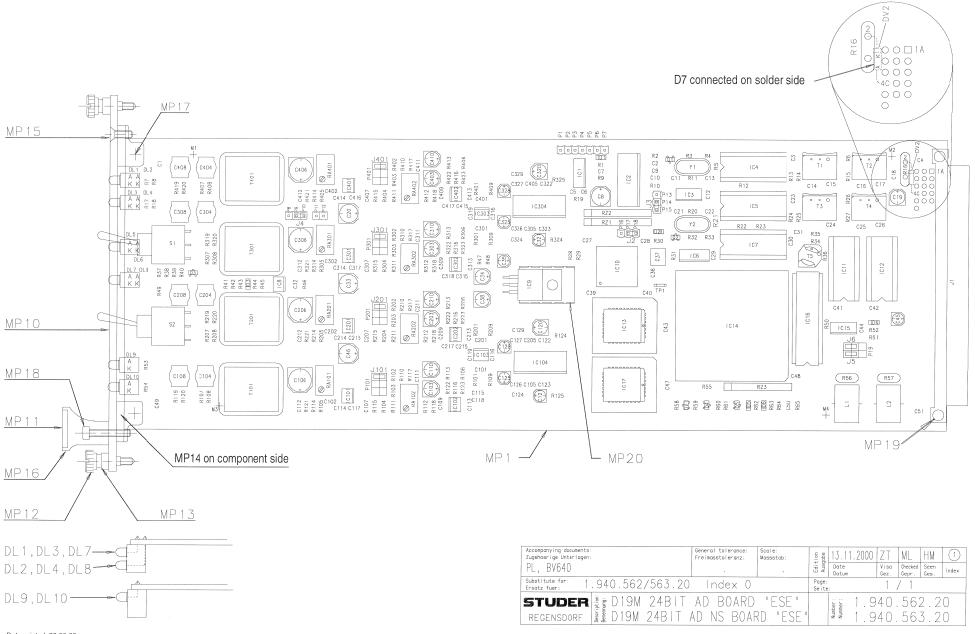




C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



C4AD/24, 24 Bit A/D 1.940.562.20 (2)

Page: 1 of 3

UHHU	124, 24 1	DIL A/D	1.940.302.20	(Z)			Page: 1 of
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description
0 C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 208	59.05.1221	220p	PP, 1%, 630V
0 C 2	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 209	59.60.2233	22p	CER 50V, 5%, C0G, 0603
0 C2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 210	59.68.0067	22u	EL 16V, 5.0*5.7
	59.60.3337			0 C 211	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C4		100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 212	59.60.3315	1n5	CER 50V, 10%, X7R, 0805
0 C 5	59.60.3337	100n		0 C 213	59.60.2257	220p	CER 50V, 5%, C0G, 0603
0 C6	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 214	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C7	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 215	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C8	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 216	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 9	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 217	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 10	59.60.3337	100n	CER 50V, 10%, X7R, 0805				
0 C 11	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 C 301	59.60.2257	220p	CER 50V, 5%, COG, 0603
0 C 12	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 302	59.60.2257	220p	CER 50V, 5%, COG, 0603
0 C 13	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 C 303	59.68.0027	47u	EL 6V, 5.0*5.7
0 C 14	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 304	59.05.1221	220p	PP, 1%, 630V
0 C 15	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 305	59.60.3317	2n2	CER 50V, 10%, X7R, 0805
0 C 16	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 306	59.68.0073	220u	EL 16V, 8.0*10.7
0 C 17	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 307	59.60.2233	22p	CER 50V, 5%, C0G, 0603
0 C 18	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 308	59.05.1221	220p	PP, 1%, 630V
0 C 19	59.68.0067	22u	EL 16V, 5.0*5.7	0 C 309	59.60.2233	22p	CER 50V, 5%, C0G, 0603
0 C 20	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 310	59.68.0067	22u	EL 16V, 5.0*5.7
0 C 21		33p	CER 50V, 5%, C0G, 0603	0 C 311	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.2237			0 C 312	59.60.3315	1n5	CER 50V, 10%, X7R, 0805
0 C 22	59.60.2237	33p	CER 50V, 5%, COG, 0603	0 C 313	59.60.2257	220p	CER 50V, 5%, C0G, 0603
0 C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 314	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 24	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 315	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 316	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 26	59.60.2249	100p	CER 50V, 5%, C0G, 0603				CER 50V, 10%, X7R, 0805
0 C 27	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 317	59.60.3337	100n	
0 C 28	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 318	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 29	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 319	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 320	59.68.0067	22u	EL 16V, 5.0*5.7
0 C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 321	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 32	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 322	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 33	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 323	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 34	59.68.0067	22u	EL 16V, 5.0*5.7	0 C 324	59.60.3441	220n	CER 50V, 10%, X7R, 1206
0 C 35	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 325	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 36		100n	CER 50V, 10%, X7R, 0805	0 C 326	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	not used			0 C 327	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 37	not used	470n	CER 50V, 10%, X7R, 2220	0 C 328	59.68.0065	10u	EL 16V, 4.0*5.7
0 C 38	59.68.0067	22u	EL 16V, 5.0*5.7	0 C 329	59.60.3441	220n	CER 50V, 10%, X7R, 1206
0 C 39	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 401	59.60.2257	220p	CER 50V, 5%, C0G, 0603
0 C 40	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 402	59.60.2257	220p	CER 50V, 5%, C0G, 0603
0 C 41	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 403	59.68.0027	47u	EL 6V, 5.0*5.7
0 C 42	59.60.3337	100n	CER 50V, 10%, X7R, 0805				
0 C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805		59.05.1221	220p	PP, 1%, 630V
0 C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 405	59.60.3317	2n2	CER 50V, 10%, X7R, 0805
0 C 45	59.68.0107	4u7	EL 35V, 4.0*5.7	0 C 406	59.68.0073	220u	EL 16V, 8.0*10.7
0 C 46	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 407	59.60.2233	22p	CER 50V, 5%, C0G, 0603
0 C 47	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 408	59.05.1221	220p	PP, 1%, 630V
0 C 48	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 409	59.60.2233	22p	CER 50V, 5%, C0G, 0603
0 C 49	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 410	59.68.0067	22u	EL 16V, 5.0*5.7
0 C 50	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 411	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 412	59.60.3315	1n5	CER 50V, 10%, X7R, 0805
0 C 101	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 C 413	59.60.2257	220p	CER 50V, 5%, C0G, 0603
0 C 102	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 C 414	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 103	59.68.0027	47u	EL 6V, 5.0*5.7	0 C 415	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 G 104	59.05.1221	220p	PP, 1%, 630V	0 C 416	59.60.3337	100n	CER 50V, 10%, X7R, 0805
0 C 105	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 C 417	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.68.0073	220u		0 D1	50.60.8001	4448	200mA 75V 4ns SOD 80
0 C 106 0 C 107			EL 16V, 8.0*10.7 CER 50V, 5%, C0G, 0603	0 D2	not used	BAS85	200mA 30V Schottky SOD 80
0 C 107	59.60.2233 59.05.1221	22p 220p	PP, 1%, 630V	0 D3	not used	BAS85	200mA 30V Schottky SOD 80
			CER 50V, 5%, C0G, 0603	0 D4	50.60.8001	4448	200mA 75V 4ns SOD 80
0 C 109 0 C 110	59.60.2233 59.68.0067	22p 22u	EL 16V, 5.0*5.7	0 D5	50.60.8101	BAS85	200mA 30V Schottky SOD 80
			CER 50V, 10%, X7R, 0805	0 D6	50.60.8101	BAS85	200mA 30V Schottky SOD 80
	59.60.3337	100n		0 DL 1	50.04.2200	HLMP1700	DL HLMP - 1700 RT
0 C 112	59.60.3315	1n5	CER 50V, 10%, X7R, 0805	0 DL 2	50.04.2200	HLMP1700	DL HLMP - 1700 RT
0 C 113	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 DL3	not used	HLMP1700	DL HLMP - 1700 RT
0 C 114	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 4	not used	HLMP1700	DL HLMP - 1700 RT
0 C 115	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 5	50.04.2200	HLMP1700	DL HLMP - 1700 RT
0 C 116	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 6	50.04.2200	HLMP1700	DL HLMP - 1700 RT
0 C 117	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 7	not used	HLMP1719	DL HLMP - 1719 GB
0 C 118	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 8	not used	HLMP1790	DL HLMP - 1790 GN
0 C 119	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 9	50.04.2202	HLMP1790 HLMP1790	DL HLMP - 1790 GN DL HLMP - 1790 GN
0 C 120	59.68.0067	22u	EL 16V, 5.0*5.7	0 DL 9	50.04.2202	HLMP1790 HLMP1790	DL HLMP - 1790 GN DL HLMP - 1790 GN
0 C 121	59.68.0065	10u	EL 16V, 4.0*5.7				
0 C 122	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DV 1	50.60.9026	24V 5V6	5%, 0.2W, SOT 23
0 C 123	59.60.3337	100n	CER 50V, 10%, X7R, 0805	2 DV 2	50.04.1108	5V6	Zener, 5%, 0.5W, DO-35
0 C 124	59.60.3441	220n	CER 50V, 10%, X7R, 1206	0 IC 1	50.62.1423	74HC423	Dual multivibr monost retrigg
0 C 125	59.68.0065	10u	EL 16V, 4.0*5.7	0 10 2	50.62.0913	CS8412	AES-Receiver
0 C 126	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 10 3	50.62.1904	74HCU04	Hex inverter unbuffered
0 C 127	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 4	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,A
0 C 128	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 5	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,A
0 C 129	59.60.3441	220n	CER 50V, 10%, X7R, 1206	0 IC 6	50.62.1153	74HC153	Dual 4ch multiplexer
0 C 201	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 IC 7	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P ,A
0 C 202	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 IC 8	not used	LM393	Dual voltage comp. SO 8
0 C 203	59.68.0027	47u	EL 6V, 5.0*5.7	0 IC 9	50.10.0104	LM317SP	Series regulator 1.5A+37V
0 C 204	59.05.1221	220p	PP, 1%, 630V	0 IC 10	not used	56004	DSP 56 004 40MHz
0 C 204	59.60.3317	220p 2n2	CER 50V, 10%, X7R, 0805	0 IC 11	50.06.0595	74LS595	SN 74 LS 595 N
0 C 205	59.68.0073	2112 220u	EL 16V, 8.0*10.7	0 IC 12	50.06.0595	74LS595	SN 74 LS 595 N
				0 IC 13	not used	29F010	Flash Memory 128K*8
0 C 207	59.60.2233	22p	CER 50V, 5%, C0G, 0603				• •

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	D/24, 24 I		1.940.302.20	(2)			Page: 2 of
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description
0 IC 14	1.940.949.20		SW 562 MICADOR (50.63.4205)	0 R 14	57.60.1270	27R	MF, 1%, 0204, E24
0 IC 15	50.62.6014	74ACT 14	Hex inverting Schmitt trigger	0 R 15	57.60.1270	27R	MF, 1%, 0204, E24
0 IC 16	50.14.1009	7C128A	SRAM 2K*8 35ns	0 R 16	57.92.7053	1.6A	PTC 30V
0 IC 17	1.940.948.20		SW 562 ADCBIT 24 (50.63.1303)	0 R 17	57.60.1102	1k0	MF, 1%, 0204, E24
0 IC 10	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 18	57.60.1102	1k0	MF, 1%, 0204, E24
0 IC 10	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 19	57.60.1103	10k	MF, 1%, 0204, E24
0 IC 10		MC33078	Dual Op-Amp low noise	0 R 20	57.60.1105	1M	MF, 1%, 0204, E24
0 IC 10		AK5392	A/D Converter 24bit DS SOP28	0 R 21	57.60.1333	33k	MF, 1%, 0204, E24
0 IC 20		MC33078	Dual Op-Amp low noise	0 R 22	57.60.1222	2k2	MF, 1%, 0204, E24
0 IC 20		MC33078	Dual Op-Amp low noise	0 R 23	57.60.1103	10k	MF, 1%, 0204, E24
0 IC 30		MC33078	Dual Op-Amp low noise	0 R 24	57.60.1220	22R	MF, 1%, 0204, E24
0 10 30		MC33078	Dual Op-Amp low noise Dual Op-Amp low noise	0 R 25 0 R 26	57.60.1270 57.60.1220	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 30 0 IC 30		MC33078 AK5392	A/D Converter 24bit DS SOP28	0 R 27	57.60.1270	27R	MF, 1%, 0204, E24
0 IC 40		MC33078	Dual Op-Amp low noise	0 R 28	57.60.1000	0R0	MF, 0204
0 IC 40		MC33078	Dual Op-Amp low noise	0 R 29	57.60.1000	0R0	MF, 0204
0 J1	54.11.2009	96p	EU-R 3*32p	0 R 30	not used	10k	MF, 1%, 0204, E24
0 J2	not used	Jumper	0.63*0.63mm, Au	0 R 31	57.60.1103	10k	MF, 1%, 0204, E24
0 J3	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 32	57.60.1333	33k	MF, 1%, 0204, E24
0 J4	not used	Jumper	0.63*0.63mm, Au	0 R 33	57.60.1333	33k	MF, 1%, 0204, E24
0 J5	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 34	57.60.1221	220R	MF, 1%, 0204, E24
0 J6	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 35	57.60.1221	220R	MF, 1%, 0204, E24
0 J 101	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 36	57.60.1103	10k	MF, 1%, 0204, E24
0 J 201	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 37	not used	1k0	MF, 1%, 0204, E24
0 J 301	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 38	not used	560R	MF, 1%, 0204, E24
0 J 401	54.01.0021	Jumper	0.63*0.63mm, Au	0 R 39	not used	10k	MF, 1%, 0204, E24
0 L1	62.03.0010	48uH	2A Toroid Chocke	0 R 40	not used	10k	MF, 1%, 0204, E24
0 L2	62.03.0010	48uH	2A Toroid Chocke	0 R 41	57.60.1103	10k	MF. 1%, 0204, E24
0 MP1	1.940.562.11		D19M 24 BIT AD BOARD PCB	0 R 42	not used	10k	MF, 1%, 0204, E24
0 MP2	1.940.562.04	Labat	TYPENSCHILD	0 R 43 0 R 44	not used not used	220R 22k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
MP3	43.01.0108	Label Label	ESE-WARNSCHILD TEXT-ETIK. 5*20 HARDWARE -20	0 R 45	not used	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 MP4 2 MP7	1.101.001.20 50.04.1108	5V6	Zener, 5%, 0.5W, DO-35	0 R 46	not used	1M	MF, 1%, 0204, E24
2 MP1		300	FRONTPLATTE C4AD 24BIT	0 R 47	57.60.1102	1k0	MF, 1%, 0204, E24
0 MP1			GRIFFEINLAGE 4TE	0 R 48	57.60.1302	3k0	MF, 1%, 0204, E24
0 MP 1		M2.5*12	Rändelschraube (Rack)	0 R 49	not used	1k0	MF, 1%, 0204, E24
0 MP 1			Metall-Buchse (Rack)	0 R 50	57.60.1220	22R	MF, 1%, 0204, E24
0 MP 1			Kartenhalter mit Z-Schr	0 R 51	57.60.1104	100k	MF, 1%, 0204, E24
0 MP 1	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp	0 R 52	57.60.1105	1M	MF, 1%, 0204, E24
0 MP 1	49.02.0504 1 pce	4TE	Frontplatten-Griff	0 R 53	57.60.1102	1k0	MF, 1%, 0204, E24
1 MP 1	not used 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0 R 54	57.60.1821	820R	MF, 1%, 0204, E24
			IP14 (49.02.0522 Kartenhalter) enthalten	0 R 55	57.60.1000	0R0	MF, 0204
0 MP 1	·	M2.5*16	Z-Schraube Inbus Zn gb chr	0 R 56	57.92.7019	0.4A	PTC 60V
0 MP 1	•		ROHRNIETE D 2.5*0.15* 9	0 R 57	57.92.7019	0.4A	PTC 60V
0 MP 2		A	Kühlkörper, TO 220, horizontal	0 R 58	57.60.1103	10k	MF, 1%, 0204, E24
2 MP2 [.] 0 P1		A 1n	Revisions-Etikette 5mm h'blau	0 R 59	57.60.1103	10k	MF, 1%, 0204, E24
0 P 2	not used not used	1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade	0 R 60	57.60.1683	68k	MF, 1%, 0204, E24
0 P3	not used	1p	Pin, 1reihig, gerade	0 R 61	57.60.1562	5k6	MF, 1%, 0204, E24
0 P4	not used	1p	Pin, 1reihig, gerade	0 R 62 0 R 63	57.60.1103 57.60.1475	10k 4M7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 P5	not used	1p	Pin, 1reihig, gerade	0 R 64	57.60.1475	4M7	MF, 1%, 0204, E24
0 P6	not used	1p	Pin, 1reihig, gerade	0 R 65	57.60.1106	10M	MF, 1%, 0204, E24
) P7	not used	1p	Pin, 1reihig, gerade	0 R 101	57.60.1152	1k5	MF, 1%, 0204, E24
0 P8	not used	1p	Pin, 1reihig, gerade	0 R 102	57.60.1272	2k7	MF, 1%, 0204, E24
P 9	not used	1p	Pin, 1reihig, gerade	0 R 103	57.60.1122	1k2	MF, 1%, 0204, E24
P 10	not used	1p	Pin, 1reihig, gerade	0 R 104	57.60.1272	2k7	MF, 1%, 0204, E24
P 11	not used	1p	Pin, 1reihig, gerade	0 R 105	57.60.1821	820R	MF, 1%, 0204, E24
P 12	not used	1p	Pin, 1reihig, gerade	0 R 106	57.60.1472	4k7	MF, 1%, 0204, E24
0 P13	54.01.0020	1p	Pin, 1reihig, gerade Pin, 1reihig, gerade	0 R 107	57.60.1332	3k3	MF, 1%, 0204, E24
P 14	54.01.0020 54.01.0020	1p 1p	Pin, freinig, gerade Pin, freihig, gerade	0 R 108	57.60.1222	2k2	MF, 1%, 0204, E24
P 16	not used	1p 1p	Pin, 1reinig, gerade	0 R 109	57.60.1510 57.60.1331	51R	MF, 1%, 0204, E24
P 17	not used	1p 1p	Pin, 1reinig, gerade	0 R 110	57.60.1331 57.60.1681	330R	MF, 1%, 0204, E24
P 18	not used	1p	Pin, 1reihig, gerade	0 R 111 0 R 112	57.60.1681 57.60.1332	680R 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
P 19	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 113	57.60.1103	10k	MF, 1%, 0204, E24
P 101	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 114	57.60.1102	1k0	MF, 1%, 0204, E24
0 P 201	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 115	57.60.1333	33k	MF, 1%, 0204, E24
P 301	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 116	57.60.1152	1k5	MF, 1%, 0204, E24
0 P 401	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 117	57.60.1103	10k	MF, 1%, 0204, E24
Q 1	50.60.0001	BC847B	NPN 45V 100mA SOT 23	0 R 118	57.60.1332	3k3	MF, 1%, 0204, E24
Q 2	50.60.0001	BC847B	NPN 45V 100mA SOT 23	0 R 119	57.60.1332	3k3	MF, 1%, 0204, E24
0 Q3	not used 50.60.0001	BC847B BC847B	NPN 45V 100mA SOT 23 NPN 45V 100mA SOT 23	0 R 120	57.60.1222	2k2	MF, 1%, 0204, E24
Q 4 D Q 5	50.60.1001	BC857B	PNP 45V 100mA SOT 23	0 R 121	57.60.1392	3k9	MF, 1%, 0204, E24
) R1	57.60.1102	1k0	MF, 1%, 0204, E24	0 R 122	57.60.1472	4k7	MF, 1%, 0204, E24
) R2	57.60.1472	4k7	MF, 1%, 0204, E24	0 R 123	57.60.1510	51R	MF, 1%, 0204, E24
) R2	57.60.1333	33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 124	57.60.1103	10k	MF, 1%, 0204, E24
R4	57.60.1333	33k	MF, 1%, 0204, E24	0 R 125 0 R 201	57.60.1229 57.60.1152	2R2 1k5	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R5	57.60.1333	33k	MF, 1%, 0204, E24	0 R 202	57.60.1152 57.60.1272	2k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
R6	57.60.1220	22R	MF, 1%, 0204, E24	0 R 203	57.60.1272	1k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	57.60.1102	1k0	MF, 1%, 0204, E24	0 R 204	57.60.1272	2k7	MF, 1%, 0204, E24
0 R7	57.60.1102	1k0	MF, 1%, 0204, E24	0 R 205	57.60.1821	820R	MF, 1%, 0204, E24
		22R	MF, 1%, 0204, E24		57.60.1472	4k7	MF, 1%, 0204, E24
0 R8 0 R9	57.60.1220			0 R 206	37.00.1472		1911 , 170, 0204, L24
0 R8 0 R9 0 R10	57.60.1823	82k	MF, 1%, 0204, E24	0 R 207	57.60.1332	3k3	MF, 1%, 0204, E24
0 R8 0 R9 0 R10 0 R11	57.60.1823 57.60.1105	82k 1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24				MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R7 0 R8 0 R9 0 R10 0 R11 0 R12 0 R13	57.60.1823	82k	MF, 1%, 0204, E24	0 R 207	57.60.1332	3k3	MF, 1%, 0204, E24

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C	4AD/	24,	24 B	it A/D	1.940.562.20
ldx.	Pos.	Part No	. Qty.	Type/Val.	Description
0	R 211	57.60.10	681	680R	MF, 1%, 0204, E24
0	R 211	57.60.1		3k3	MF, 1%, 0204, E24
0	R 213	57.60.1		10k	MF, 1%, 0204, E24
0	R 214	57.60.1	102	1k0	MF, 1%, 0204, E24
0	R 215	57.60.1	333	33k	MF, 1%, 0204, E24
0	R 216	57.60.1		1k5	MF, 1%, 0204, E24
0	R 217	57.60.1		10k	MF, 1%, 0204, E24
0	R 218 R 219	57.60.13 57.60.13		3k3 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 220	57.60.1		2k2	MF, 1%, 0204, E24
0	R 221	57.60.1		3k9	MF, 1%, 0204, E24
0	R 222	57.60.1	472	4k7	MF, 1%, 0204, E24
0	R 223	57.60.1		51R	MF, 1%, 0204, E24
0	R 301	57.60.1		1k5	MF, 1%, 0204, E24
0	R 302	57.60.13 57.60.1		2k7 1k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 303 R 304	57.60.1		2k7	MF, 1%, 0204, E24
0	R 305	57.60.1		820R	MF, 1%, 0204, E24
0	R 306	57.60.14		4k7	MF, 1%, 0204, E24
0	R 307	57.60.13	332	3k3	MF, 1%, 0204, E24
0	R 308	57.60.12	222	2k2	MF, 1%, 0204, E24
0	R 309	57.60.1		51R	MF, 1%, 0204, E24
0	R 310	57.60.13		330R	MF, 1%, 0204, E24
0	R 311	57.60.10		680R 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 312 R 313	57.60.13 57.60.1		10k	MF, 1%, 0204, E24
0	R 314	57.60.1		1k0	MF, 1%, 0204, E24
0	R 315	57.60.1		33k	MF, 1%, 0204, E24
0	R 316	57.60.1	152	1k5	MF, 1%, 0204, E24
0	R 317	57.60.1	103	10k	MF, 1%, 0204, E24
0	R 318	57.60.13		3k3	MF, 1%, 0204, E24
0	R 319	57.60.1		3k3	MF, 1%, 0204, E24
0	R 320	57.60.12		2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 321 R 322	57.60.13 57.60.14		3k9 4k7	MF, 1%, 0204, E24
0	R 323	57.60.1		51R	MF, 1%, 0204, E24
0	R 324	57.60.12		2R2	MF, 1%, 0204, E24
0	R 325	57.60.1	103	10k	MF, 1%, 0204, E24
0	R 401	57.60.1	152	1k5	MF, 1%, 0204, E24
0	R 402	57.60.12	272	2k7	MF, 1%, 0204, E24
0	R 403	57.60.1		1k2	MF, 1%, 0204, E24
0	R 404	57.60.12		2k7	MF, 1%, 0204, E24
0	R 405	57.60.18		820R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 406 R 407	57.60.14 57.60.13		4k7 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 408	57.60.12		2k2	MF, 1%, 0204, E24
0	R 409	57.60.1		51R	MF, 1%, 0204, E24
0	R 410	57.60.13		330R	MF, 1%, 0204, E24
0	R 411	57.60.16	681	680R	MF, 1%, 0204, E24
0	R 412	57.60.13		3k3	MF, 1%, 0204, E24
0	R 413	57.60.1		10k	MF, 1%, 0204, E24
0	R 414 R 415	57.60.1° 57.60.1°		1k0 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 416	57.60.1		1k5	MF, 1%, 0204, E24
0	R 417	57.60.1		10k	MF, 1%, 0204, E24
0	R 418	57.60.13	332	3k3	MF, 1%, 0204, E24
0	R 419	57.60.13		3k3	MF, 1%, 0204, E24
0	R 420	57.60.12		2k2	MF, 1%, 0204, E24
0	R 421 R 422	57.60.13 57.60.14		3k9 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 423	57.60.1		51R	MF, 1%, 0204, E24
0	RA 101	58.05.12		200R	10%, 0.5W, Cermet
0	RA 102	58.05.12	202	2k0	10%, 0.5W, Cermet
0	RA 201	58.05.12		200R	10%, 0.5W, Cermet
0	RA 202	58.05.12		2k0	10%, 0.5W, Cermet 10%, 0.5W, Cermet
0	RA 301 RA 302	58.05.12 58.05.12		200R 2k0	10%, 0.5W, Cermet
0	RA 401	58.05.12		200R	10%, 0.5W, Cermet
0	RA 402	58.05.12		2k0	10%, 0.5W, Cermet
0	RZ 1	not u	sed	10k	8*R Resistor-Netw 2% SIP9
0	RZ 2	not u		10k	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4		10k	8*R Resistor-Netw 2% SIP9
0	S 1 S 2	not us 55.11.02		SPDT	Toggle 1 * on-none-on Toggle 1 * on-none-on
0	5 2 T 1	1.022.647		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647	.00	1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.632		1:1	DI/DO TRANSFORMER
0	T 101	1.022.454		1:0.175	EINGANGSTRAFO 1:0,175
0	T 201 T 301	1.022.454 1.022.454		1:0.175 1:0.175	EINGANGSTRAFO 1:0,175 EINGANGSTRAFO 1:0,175
0	T 401	1.022.454		1:0.175	EINGANGSTRAFO 1:0,175
0	TP 1	54.33.60		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2	501	Spacer	LED-Sockel
0	XDL 3	not u		Spacer	LED-Sockel
0	XDL 5	50.20.2	501	Spacer	LED-Sockel

ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	XDL 7	not used		Spacer	LED-Sockel
0	XDL 9	50.20.2501		Spacer	LED-Sockel
0	XDL 10	50.20.2501		Spacer	LED-Sockel
0	XIC 4	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 5	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 13	not used		32p	PLCC-Socket
0	XIC 14	53.03.2284		84p	PLCC-Socket
0	XIC 17	53.03.2232		32p	PLCC-Socket
0	XT 101	1.022.400.03			ISOLATION
0	XT 201	1.022.400.03			ISOLATION
0	XT 301	1.022.400.03			ISOLATION
0	XT 401	1.022.400.03			ISOLATION
0	XY 1	89.01.1499			QUARZ - ISOLIERPLATTE
0	XY 2	89.01.1499			QUARZ - ISOLIERPLATTE
0	Y 1	89.01.0559		11.289MHz	XTAL
0	Y 2	89.01.1015		12.288MHz	XTAL HC 49/U
				End of List	

(1) 12.04.00 MP 17 not used (2) 13.11.2000 Additionally D7 and MP21

Date printed: 16.09.02

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ix. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty	. Type/Val.	Description
				0 C 208	59.05.1221	220p	PP, 1%, 630V
C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 209	59.60.2233	22p	CER 50V, 5%, C0G, 0603
C 2	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 210	59.68.0067	22u	EL 16V, 5.0*5.7
C 3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 210	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 4	59.60.3337	100n	CER 50V, 10%, X7R, 0805		59.60.3315	1n5	CER 50V, 10%, X7R, 0805
C 5	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 212			CER 50V, 10%, X/R, 0003
C 6	59.60.3325	10n	CER 50V. 10%. X7R. 0805	0 C 213	59.60.2257	220p	
C 7	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0 C 214	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 8	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 215	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 9	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 C 216	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 10	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 217	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 11	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 C 301	59.60.2257	220p	CER 50V, 5%, C0G, 0603
C 12	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 302	59.60.2257	220p	CER 50V, 5%, C0G, 0603
	59.60.2237		CER 50V, 5%, COG, 0603	0 C 303	59.68.0027	47u	EL 6V, 5.0*5.7
C 13		33p		0 C 304	59.05.1221	220p	PP, 1%, 630V
C 14	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 305	59.60.3317	2n2	CER 50V, 10%, X7R, 0805
C 15	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 306	59.68.0073	220u	EL 16V, 8.0*10.7
C 16	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 307	59.60.2233	22p	CER 50V, 5%, C0G, 0603
C 17	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 308	59.05.1221	220p	PP, 1%, 630V
C 18	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 309	59.60.2233	22p	CER 50V, 5%, C0G, 0603
C 19	59.68.0067	22u	EL 16V, 5.0*5.7				
C 20	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 310	59.68.0067	22u	EL 16V, 5.0*5.7
C 21	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 C 311	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 22	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 C 312	59.60.3315	1n5	CER 50V, 10%, X7R, 0805
C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 313	59.60.2257	220p	CER 50V, 5%, C0G, 0603
C 24	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 C 314	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 25	59.60.3337	100p	CER 50V, 10%, X7R, 0805	0 C 315	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 26	59.60.2249	100n	CER 50V, 5%, COG, 0603	0 C 316	59.60.3337	100n	CER 50V, 10%, X7R, 0805
	59.60.3337	100p 100n	CER 50V, 5%, COG, 0005	0 C 317	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 27			CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 318	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 28	59.60.3337	100n		0 C 319	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 29	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 320	59.68.0067	22u	EL 16V, 5.0*5.7
C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 321	59.68.0065	10u	EL 16V, 4.0*5.7
C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 322	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 32	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 323	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 33	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 324	59.60.3441	220n	CER 50V, 10%, X7R, 1206
C 34	59.68.0067	22u	EL 16V, 5.0*5.7				
C 35	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 325	59.68.0065	10u	EL 16V, 4.0*5.7
C 36	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 326	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 37	59.60.3845	470n	CER 50V, 10%, X7R, 2220	0 C 327	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 38	59.68.0067	22u	EL 16V, 5.0*5.7	0 C 328	59.68.0065	10u	EL 16V, 4.0*5.7
C 39	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 329	59.60.3441	220n	CER 50V, 10%, X7R, 1206
C 40	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 401	59.60.2257	220p	CER 50V, 5%, C0G, 0603
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 402	59.60.2257	220p	CER 50V, 5%, C0G, 0603
		100n	CER 50V, 10%, X7R, 0805	0 C 403	59.68.0027	47u	EL 6V, 5.0*5.7
C 42	59.60.3337			0 C 404	59.05.1221	220p	PP, 1%, 630V
C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 405	59.60.3317	2n2	CER 50V, 10%, X7R, 0805
C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 406	59.68.0073	220u	EL 16V, 8.0*10.7
C 45	59.68.0107	4u7	EL 35V, 4.0*5.7	0 C 407	59.60.2233	22p	CER 50V, 5%, C0G, 0603
C 46	59.68.0111	22u	EL 35V, 6.3*5.7	0 C 408	59.05.1221	220p	PP, 1%, 630V
C 47	59.60.3337	100n	CER 50V, 10%, X7R, 0805				
C 48	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 409	59.60.2233	22p	CER 50V, 5%, C0G, 0603
C 49	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 410	59.68.0067	22u	EL 16V, 5.0*5.7
C 50	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 411	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 412	59.60.3315	1n5	CER 50V, 10%, X7R, 0805
C 101	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 C 413	59.60.2257	220p	CER 50V, 5%, C0G, 0603
C 102	59.60.2257	220p	CER 50V, 5%, C0G, 0603	0 C 414	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 103	59.68.0027	47u	EL 6V, 5.0*5.7	0 C 415	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 104	59.05.1221	220p	PP, 1%, 630V	0 C 416	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 105	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 C 417	59.60.3337	100n	CER 50V, 10%, X7R, 0805
C 106	59.68.0073	220u	EL 16V, 8.0*10.7	0 D1	50.60.8001	4448	200mA 75V 4ns SOD 80
C 107	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 D2	50.60.8101	BAS85	200mA 30V Schottky SOD 80
C 107	59.05.1221	220p	PP, 1%, 630V	0 D3	50.60.8101	BAS85	200mA 30V Schottky SOD 80
C 108	59.60.2233	220p 22p	CER 50V, 5%, C0G, 0603	0 D4	50.60.8001	4448	200mA 75V 4ns SOD 80
C 109	59.68.0067	22p 22u	EL 16V, 5.0*5.7	0 D5	50.60.8101	BAS85	200mA 30V Schottky SOD 80
C 111	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D6	50.60.8101	BAS85	200mA 30V Schottky SOD 80
		1n5	CER 50V, 10%, X7R, 0805	0 DL1	50.04.2200	HLMP1700	DL HLMP - 1700 RT
C 112	59.60.3315		CER 50V, 10%, X7R, 0805 CER 50V, 5%, COG, 0603	0 DL 2	50.04.2200	HLMP1700	DL HLMP - 1700 RT
C 113	59.60.2257	220p		0 DL3	50.04.2200	HLMP1700	DL HLMP - 1700 RT
C 114	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL4	50.04.2200	HLMP1700	DL HLMP - 1700 RT
C 115	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 5	not used	HLMP1700	DL HLMP - 1700 RT
C 116	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL6	not used	HLMP1700	DL HLMP - 1700 RT
C 117	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL7	50.04.2201	HLMP1719	DL HLMP - 1719 GB
C 118	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL7	50.04.2202	HLMP1790	DL HLMP - 1719 GN
C 119	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DL 9	50.04.2202	HLMP1790	DL HLMP - 1790 GN
C 120	59.68.0067	22u	EL 16V, 5.0*5.7	0 DL 10	50.04.2202	HLMP1790	DL HLMP - 1790 GN
C 121	59.68.0065	10u	EL 16V, 4.0*5.7	0 DV 1	50.60.9026	24V	5%, 0.2W, SOT 23
C 122	59.60.3337	100n	CER 50V, 10%, X7R, 0805	2 DV 2	50.04.1108	5V6	Zener, 5%, 0.5W, DO-35
C 123	59.60.3337	100n	CER 50V, 10%, X7R, 0805				
C 124	59.60.3441	220n	CER 50V, 10%, X7R, 1206	0 IC 1	50.62.1423	74HC423	Dual multivibr monost retrigg
C 125	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 2	50.62.0913	CS8412	AES-Receiver
C 126	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 10 3	50.62.1904	74HCU04	Hex inverter unbuffered
C 127	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 4	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P
C 128	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 5	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P
C 129	59.60.3441	220n	CER 50V, 10%, X7R, 1206	0 IC 6	50.62.1153	74HC153	Dual 4ch multiplexer
C 201	59.60.2257	220p	CER 50V, 5%, COG, 0603	0 IC 7	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P
C 202	59.60.2257	220p 220p	CER 50V, 5%, C0G, 0603	0 IC8	50.61.9001	LM393	Dual voltage comp. SO 8
				0 IC 9	50.10.0104	LM317SP	Series regulator 1.5A+37V
C 203	59.68.0027	47u 220n		0 IC 10	50.63.0404	56004	DSP 56 004 40MHz
C 204 C 205	59.05.1221 59.60.3317	220p	PP, 1%, 630V CER 50V 10% X7R 0805	0 IC 11	50.06.0595	74LS595	SN 74 LS 595 N
~ <u3< td=""><td>59.60.3317</td><td>2n2 220u</td><td>CER 50V, 10%, X7R, 0805 EL 16V, 8.0*10.7</td><td>0 IC 12</td><td>50.06.0595</td><td>74LS595</td><td>SN 74 LS 595 N</td></u3<>	59.60.3317	2n2 220u	CER 50V, 10%, X7R, 0805 EL 16V, 8.0*10.7	0 IC 12	50.06.0595	74LS595	SN 74 LS 595 N
C 206	59.68.0073						

Date printed: 27.09.02

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. Pos.	Part No. Qty.	Type/Val.	Description	- Idx	. Pos.	Part No.	Qty.	Type/Val.	Description
		rype/vai.					utry.		
IC 14 IC 15	1.940.949.20		SW 562 MICADOR (50.63.4205)		R 15	57.60.1270		27R	MF, 1%, 0204, E24
IC 15	50.62.6014	74ACT 14	Hex inverting Schmitt trigger	0		57.92.7053		1.6A	PTC 30V
IC 16	50.14.1009	7C128A	SRAM 2K*8 35ns	0		57.60.1102		1k0	MF, 1%, 0204, E24
IC 17	1.940.948.20		SW 562 ADCBIT 24 (50.63.1303)	0		57.60.1102		1k0	MF, 1%, 0204, E24
IC 101	50.61.0204	MC33078	Dual Op-Amp low noise	0		57.60.1103		10k	MF, 1%, 0204, E24
IC 102	50.61.0204	MC33078	Dual Op-Amp low noise	0		57.60.1105		1M	MF, 1%, 0204, E24
IC 103	50.61.0204	MC33078	Dual Op-Amp low noise	0		57.60.1333		33k	MF, 1%, 0204, E24
IC 104	50.61.8105	AK5392	A/D Converter 24bit DS SOP28	0	R 22	57.60.1222		2k2	MF, 1%, 0204, E24
IC 201	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 23	57.60.1103		10k	MF, 1%, 0204, E24
IC 202	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 24	57.60.1220		22R	MF, 1%, 0204, E24
IC 301	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 25	57.60.1270		27R	MF, 1%, 0204, E24
IC 302	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 26	57.60.1220		22R	MF, 1%, 0204, E24
IC 303	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 27	57.60.1270		27R	MF, 1%, 0204, E24
IC 304	50.61.8105	AK5392	A/D Converter 24bit DS SOP28	0	R 28	not used		0R0	MF, 0204
IC 401	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 29	not used		0R0	MF, 0204
IC 402	50.61.0204	MC33078	Dual Op-Amp low noise	0	R 30	57.60.1103		10k	MF, 1%, 0204, E24
J 1	54.11.2009	96p	EU-R 3*32p	0	R 31	57.60.1103		10k	MF, 1%, 0204, E24
J 2	54.01.0021	Jumper	0.63*0.63mm, Au	0	R 32	57.60.1333		33k	MF, 1%, 0204, E24
J 3	54.01.0021	Jumper	0.63*0.63mm, Au	0	R 33	57.60.1333		33k	MF, 1%, 0204, E24
J 4	54.01.0021	Jumper	0.63*0.63mm, Au	0		57.60.1221		220R	MF, 1%, 0204, E24
J 5	54.01.0021	Jumper	0.63*0.63mm, Au	0	R 35	57.60.1221		220R	MF, 1%, 0204, E24
J 6	54.01.0021	Jumper	0.63*0.63mm, Au	0		57.60.1103		10k	MF, 1%, 0204, E24
J 101	54.01.0021	Jumper	0.63*0.63mm, Au	0		57.60.1102		1k0	MF, 1%, 0204, E24
J 201	54.01.0021	Jumper	0.63*0.63mm, Au	0		57.60.1561		560R	MF, 1%, 0204, E24
J 301	54.01.0021	Jumper	0.63*0.63mm, Au	0	R 39	57.60.1103		10k	MF, 1%, 0204, E24
J 401		Jumper	0.63*0.63mm, Au	0		57.60.1103		10k	MF, 1%, 0204, E24
	54.01.0021 62.03.0010				R 41				
L1		48uH	2A Toroid Chocke			57.60.1103		10k	MF, 1%, 0204, E24
L2	62.03.0010	48uH	2A Toroid Chocke	0	R 42 R 43	57.60.1103 57.60.1221		10k 220R	MF, 1%, 0204, E24
MP 1	1.940.562.11		D19M 24 BIT AD BOARD PCB	0		57.60.1221			MF, 1%, 0204, E24
MP 2	1.940.563.04	1 -1 -1	TYPENSCHILD	0		57.60.1223		22k	MF, 1%, 0204, E24
MP 3	43.01.0108	Label	ESE-WARNSCHILD	0		57.60.1103		10k	MF, 1%, 0204, E24
MP 4	1.101.001.20	Label	TEXT-ETIK. 5*20 HARDWARE -20	0	R 46	57.60.1105		1M	MF, 1%, 0204, E24
MP 10	1.940.563.01 1 pce		FRONTPLATTE C4AD NS 24BIT	0	R 47	57.60.1102		1k0	MF, 1%, 0204, E24
MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE	0		57.60.1302		3k0	MF, 1%, 0204, E24
MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)	0		57.60.1102		1k0	MF, 1%, 0204, E24
MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)	0		57.60.1220		22R	MF, 1%, 0204, E24
MP 14	49.02.0522 2 pcs		Kartenhalter mit Z-Schr	0	R 51	57.60.1104		100k	MF, 1%, 0204, E24
MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp	0	R 52	57.60.1105		1M	MF, 1%, 0204, E24
MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff	0	R 53	57.60.1102		1k0	MF, 1%, 0204, E24
MP 17	not used 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0	R 54	57.60.1821		820R	MF, 1%, 0204, E24
		Schraube ist in MF	14 (49.02.0522 Kartenhalter) enthalten	0	R 55	57.60.1000		0R0	MF, 0204
MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr	0	R 56	57.92.7019		0.4A	PTC 60V
MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0	R 57	57.92.7019		0.4A	PTC 60V
MP 20	50.20.3004		Kühlkörper, TO 220, horizontal	0	R 58	57.60.1103		10k	MF, 1%, 0204, E24
MP 21	43.10.0110	Α	Revisions-Etikette 5mm h'blau	0		57.60.1103		10k	MF, 1%, 0204, E24
P 1	not used	1p	Pin, 1reihig, gerade	0		57.60.1683		68k	MF, 1%, 0204, E24
P 2	not used	1р	Pin, 1reihig, gerade	0	R 61	57.60.1562		5k6	MF, 1%, 0204, E24
P 3	not used	1p	Pin, 1reihig, gerade	0	R 62	57.60.1103		10k	MF, 1%, 0204, E24
P 4	not used	1p	Pin, 1reihig, gerade	0	R 63	57.60.1475		4M7	MF, 1%, 0204, E24
P 5	not used	1р	Pin, 1reihig, gerade	0	R 64	57.60.1475		4M7	MF, 1%, 0204, E24
P 6	not used	1p	Pin, 1reihig, gerade	0	R 65	57.60.1106		10M	MF, 1%, 0204, E24
P 7	not used	1p	Pin, 1reihig, gerade	0	R 101	57.60.1152		1k5	MF, 1%, 0204, E24
P 8	54.01.0020	1p	Pin, 1reihig, gerade	0	R 102	57.60.1172		2k7	MF, 1%, 0204, E24
P 9	54.01.0020	1p	Pin, 1reihig, gerade	0					
P 10	54.01.0020	1p	Pin, 1reihig, gerade	0	R 103 R 104	57.60.1122		1k2 2k7	MF, 1%, 0204, E24
P 11	54.01.0020	1p	Pin, 1reihig, gerade	-	R 104 R 105	57.60.1272			MF, 1%, 0204, E24
P 12	54.01.0020	1p	Pin, 1reihig, gerade			57.60.1821 57.60.1472		820R	MF, 1%, 0204, E24
P 13	54.01.0020	1p	Pin, 1reihig, gerade	0	R 106	57.60.1472 57.60.1332		4k7	MF, 1%, 0204, E24
P 14	54.01.0020	1p	Pin, 1reihig, gerade		R 107	57.60.1332		3k3	MF, 1%, 0204, E24
P 15	54.01.0020	1p	Pin, 1reihig, gerade		R 108	57.60.1222 57.60.1510		2k2	MF, 1%, 0204, E24
P 16	54.01.0020	1p	Pin, 1reihig, gerade	0	R 109	57.60.1510 57.60.1331		51R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
P 17	54.01.0020	1p	Pin, 1reihig, gerade	0	R 110	57.60.1331 57.60.1681		330R	
P 18	54.01.0020	1p	Pin, 1reihig, gerade		R 111	57.60.1681		680R	MF, 1%, 0204, E24
P 19	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0		57.60.1332		3k3	MF, 1%, 0204, E24
P 101	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54		R 113	57.60.1103		10k	MF, 1%, 0204, E24
P 201	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0	R 114	57.60.1102		1k0	MF, 1%, 0204, E24
P 301	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0	R 115	57.60.1333		33k	MF, 1%, 0204, E24
P 401	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0		57.60.1152		1k5	MF, 1%, 0204, E24
Q 1	50.60.0001	BC847B	NPN 45V 100mA SOT 23		R 117	57.60.1103		10k	MF, 1%, 0204, E24
Q2	50.60.0001	BC847B	NPN 45V 100mA SOT 23	0		57.60.1332		3k3	MF, 1%, 0204, E24
Q 3	50.60.0001	BC847B	NPN 45V 100mA SOT 23	0	R 119	57.60.1332		3k3	MF, 1%, 0204, E24
Q 4	50.60.0001	BC847B	NPN 45V 100mA SOT 23	0	R 120	57.60.1222		2k2	MF, 1%, 0204, E24
Q 5	50.60.1001	BC857B	PNP 45V 100mA SOT 23	0	R 121	57.60.1392		3k9	MF, 1%, 0204, E24
R1	57.60.1102	1k0	MF, 1%, 0204, E24	0		57.60.1472		4k7	MF, 1%, 0204, E24
R 2	57.60.1472	4k7	MF, 1%, 0204, E24	0	R 123	57.60.1510		51R	MF, 1%, 0204, E24
R3	57.60.1333	33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0	R 124	57.60.1103		10k	MF, 1%, 0204, E24
R 4	57.60.1333 57.60.1333	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 125	57.60.1229		2R2	MF, 1%, 0204, E24
					R 201	57.60.1152		1k5	MF, 1%, 0204, E24
R 5	57.60.1333 57.60.1330	33k	MF, 1%, 0204, E24	0	R 202	57.60.1272		2k7	MF, 1%, 0204, E24
R 6	57.60.1220	22R	MF, 1%, 0204, E24	0	R 203	57.60.1122		1k2	MF, 1%, 0204, E24
R 7 R 8	57.60.1102	1k0	MF, 1%, 0204, E24	0	R 204	57.60.1272		2k7	MF, 1%, 0204, E24
	57.60.1102	1k0	MF, 1%, 0204, E24	0	R 205	57.60.1821		820R	MF, 1%, 0204, E24
R 9	57.60.1220	22R	MF, 1%, 0204, E24	0		57.60.1472		4k7	MF, 1%, 0204, E24
R 10	57.60.1823	82k	MF, 1%, 0204, E24	0	R 207	57.60.1332		3k3	MF, 1%, 0204, E24
R 11	57.60.1105	1M	MF, 1%, 0204, E24	0	R 208	57.60.1222		2k2	MF, 1%, 0204, E24
R 12	57.60.1222	2k2	MF, 1%, 0204, E24		R 209	57.60.1510		51R	MF, 1%, 0204, E24
11 12				-					
R 13	57.60.1220	22R	MF, 1%, 0204, E24	0	R 210	57.60.1331		330R	MF, 1%, 0204, E24

Date printed: 27.09.02

C4AD/24/NS, 24 Bit A/D 1.940.563.20 (2)

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C	4AD/	24/NS,	24 Bit	A/D	1.940.563
ldx.	Pos.	Part No. Qty	. Type/Val.	Descrip	tion
0	R 212	57.60.1332	3k3	MF. 1%.	0204, E24
0	R 213	57.60.1103	10k		0204, E24
0	R 214	57.60.1102	1k0		0204, E24
0	R 215 R 216	57.60.1333 57.60.1152	33k 1k5		0204, E24 0204, E24
0	R 217	57.60.1103	10k		0204, E24
0	R 218	57.60.1332	3k3		0204, E24
0	R 219	57.60.1332	3k3		0204, E24
0	R 220	57.60.1222	2k2 3k9		0204, E24 0204, E24
0	R 221 R 222	57.60.1392 57.60.1472	4k7		0204, E24
0	R 223	57.60.1510	51R		0204, E24
0	R 301	57.60.1152	1k5		0204, E24
0	R 302 R 303	57.60.1272 57.60.1122	2k7 1k2		0204, E24 0204, E24
0	R 304	57.60.1272	2k7		0204, E24
0	R 305	57.60.1821	820R	MF, 1%,	0204, E24
0	R 306	57.60.1472	4k7		0204, E24
0	R 307	57.60.1332 57.60.1222	3k3 2k2		0204, E24 0204, E24
0	R 308 R 309	57.60.1222	51R		0204, E24
0	R 310	57.60.1331	330R		0204, E24
0	R 311	57.60.1681	680R		0204, E24
0	R 312	57.60.1332	3k3		0204, E24
0	R 313 R 314	57.60.1103 57.60.1102	10k 1k0		0204, E24 0204, E24
0	R 315	57.60.1333	33k		0204, E24
0	R 316	57.60.1152	1k5		0204, E24
0	R 317	57.60.1103	10k		0204, E24
0	R 318 R 319	57.60.1332 57.60.1332	3k3 3k3		0204, E24 0204, E24
0	R 320	57.60.1222	2k2		0204, E24
0	R 321	57.60.1392	3k9		0204, E24
0	R 322	57.60.1472	4k7		0204, E24
0	R 323 R 324	57.60.1510 57.60.1229	51R 2R2		0204, E24 0204, E24
0	R 325	57.60.1103	10k		0204, E24
0	R 401	57.60.1152	1k5	MF, 1%,	0204, E24
0	R 402	57.60.1272	2k7		0204, E24
0	R 403 R 404	57.60.1122 57.60.1272	1k2 2k7		0204, E24 0204, E24
0	R 404	57.60.1272	820R		0204, E24
0	R 406	57.60.1472	4k7		0204, E24
0	R 407	57.60.1332	3k3		0204, E24
0	R 408	57.60.1222	2k2		0204, E24
0	R 409 R 410	57.60.1510 57.60.1331	51R 330R		0204, E24 0204, E24
0	R 411	57.60.1681	680R		0204, E24
0	R 412	57.60.1332	3k3		0204, E24
0	R 413	57.60.1103	10k		0204, E24 0204, E24
0	R 414 R 415	57.60.1102 57.60.1333	1k0 33k		0204, E24
0	R 416	57.60.1152	1k5		0204, E24
0	R 417	57.60.1103	10k		0204, E24
0	R 418	57.60.1332 57.60.1332	3k3 3k3		0204, E24 0204, E24
0	R 419 R 420	57.60.1332	2k2		0204, E24
0	R 421	57.60.1392	3k9		0204, E24
0	R 422	57.60.1472	4k7		0204, E24
0	R 423 RA 101	57.60.1510 58.05.1201	51R 200R		0204, E24 5W, Cermet
0	RA 102	58.05.1202	2k0		5W, Cermet
0	RA 201	58.05.1201	200R		5W, Cermet
0	RA 202	58.05.1202	2k0		5W, Cermet
0	RA 301 RA 302	58.05.1201 58.05.1202	200R 2k0		5W, Cermet 5W, Cermet
0	RA 401	58.05.1201	200R		5W, Cermet
0	RA 402	58.05.1202	2k0		5W, Cermet
0	RZ 1	57.88.4103 57.88.4103	10k		sistor-Netw 2% SIP9 sistor-Netw 2% SIP9
0	RZ 2 RZ 3	57.88.4103 57.88.4103	10k 10k		sistor-Netw 2% SIP9
0	S 1	55.11.0202	SPDT		1 * on-none-on
0	S 2	55.11.0202	SPDT		1 * on-none-on
0	T1	1.022.647.00	1:1.4		T TRAFO AES/EBU T TRAFO AES/EBU
0	T 2 T 3	1.022.647.00 1.022.647.00	1:1.4 1:1.4		T TRAFO AES/EBU T TRAFO AES/EBU
o	T 4	1.022.647.00	1:1.4	OUTPU	T TRAFO AES/EBU
0	T 5	1.022.632.00	1:1		RANSFORMER
0	T 101 T 201	1.022.454.00 1.022.454.00	1:0.175 1:0.175		IGSTRAFO 1:0,175 IGSTRAFO 1:0,175
0	T 301	1.022.454.00	1:0.175		IGSTRAFO 1:0,175
0	T 401	1.022.454.00	1:0.175	EINGAN	IGSTRAFO 1:0,175
0	TP 1	54.33.6010	2.8*0.8 Spacer	PCB-Fla	ichstecker, gerade
0	XDL 1 XDL 3	50.20.2501 50.20.2501	Spacer Spacer	LED-So	
0	XDL 5	not used	Spacer	LED-So	
0	XDL 7	50.20.2501	Spacer	LED-So	ckel

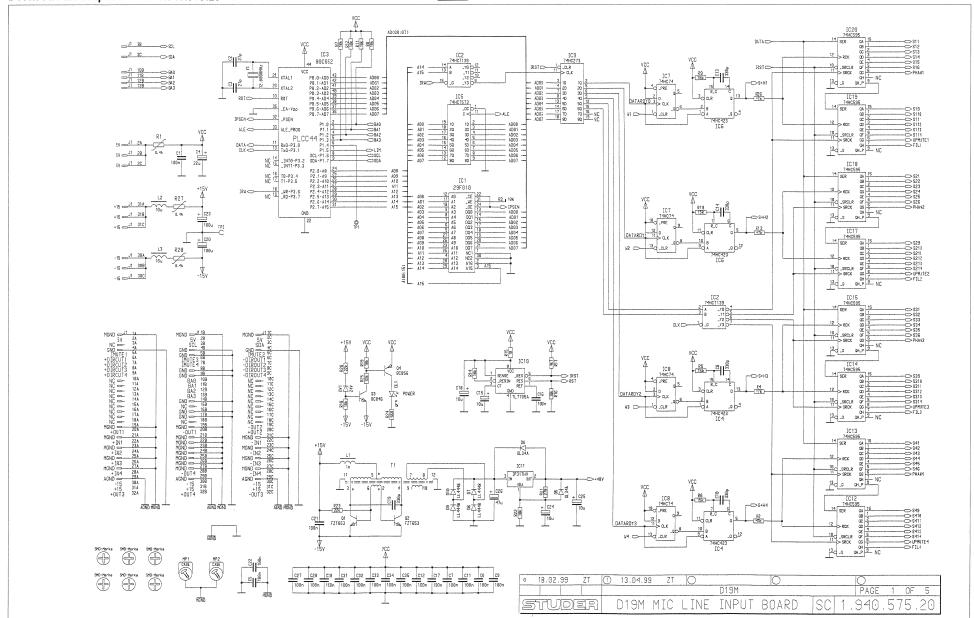
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ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	XDL 9	50.20.2501		Spacer	LED-Sockel
0	XDL 10	50.20.2501		Spacer	LED-Sockel
0	XIC 4	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 5	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 13	53.03.2232		32p	PLCC-Socket
0	XIC 14	53.03.2284		84p	PLCC-Socket
0	XIC 17	53.03.2232		32p	PLCC-Socket
0	XT 101	1.022.400.03			ISOLATION
0	XT 201	1.022.400.03			ISOLATION
0	XT 301	1.022.400.03			ISOLATION
0	XT 401	1.022.400.03			ISOLATION
0	XY1	89.01.1499			QUARZ - ISOLIERPLATTE
0	XY 2	89.01.1499			QUARZ - ISOLIERPLATTE
0	Y 1	89.01.0559		11.289MHz	XTAL
0	Y 2	89.01.1015		12.288MHz	XTAL HC 49/U
				End of List	
0 0 0	XT 401 XY 1 XY 2 Y 1	1.022.400.03 89.01.1499 89.01.1499 89.01.0559		12.288MHz	ISOLATION QUARZ - ISOLIERPLATTE QUARZ - ISOLIERPLATTE XTAL

Date printed: 27.09.02

^{(1) 12.04.00} MP 17 not used (2) 13.11.00 Additionally D7 and MP21

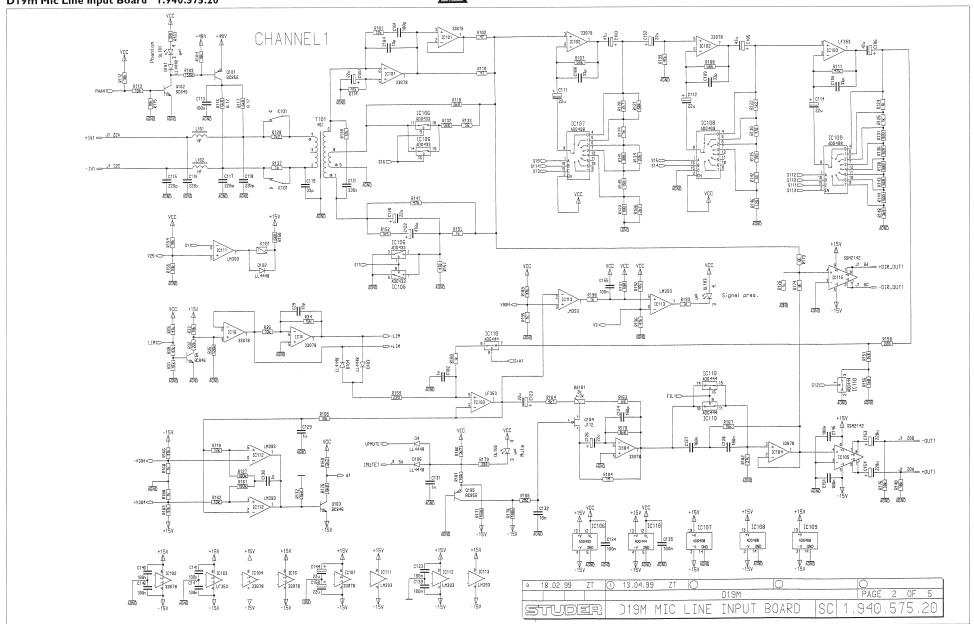
D19m Mic Line Input Board 1.940.575.20





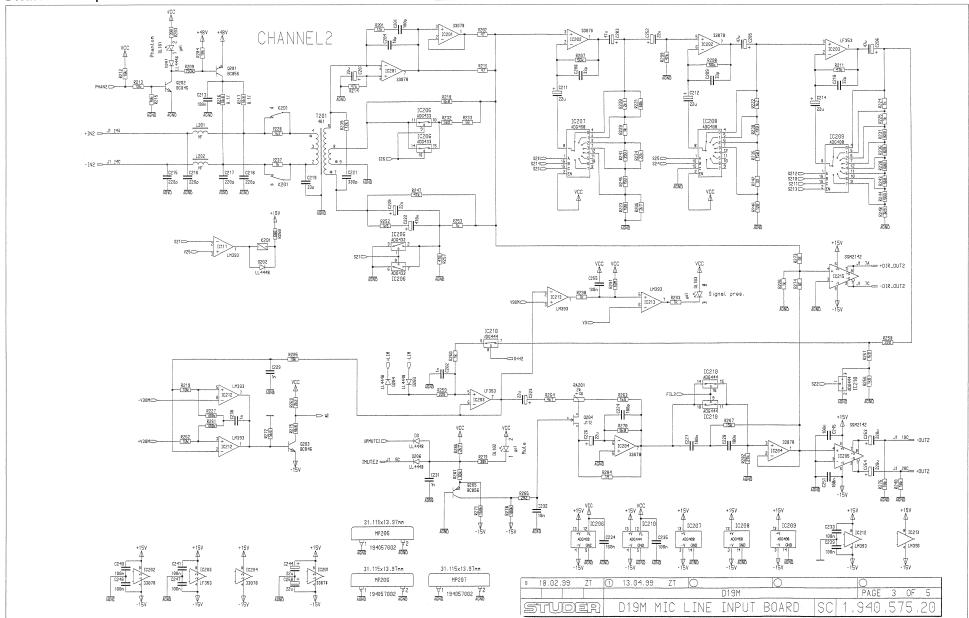






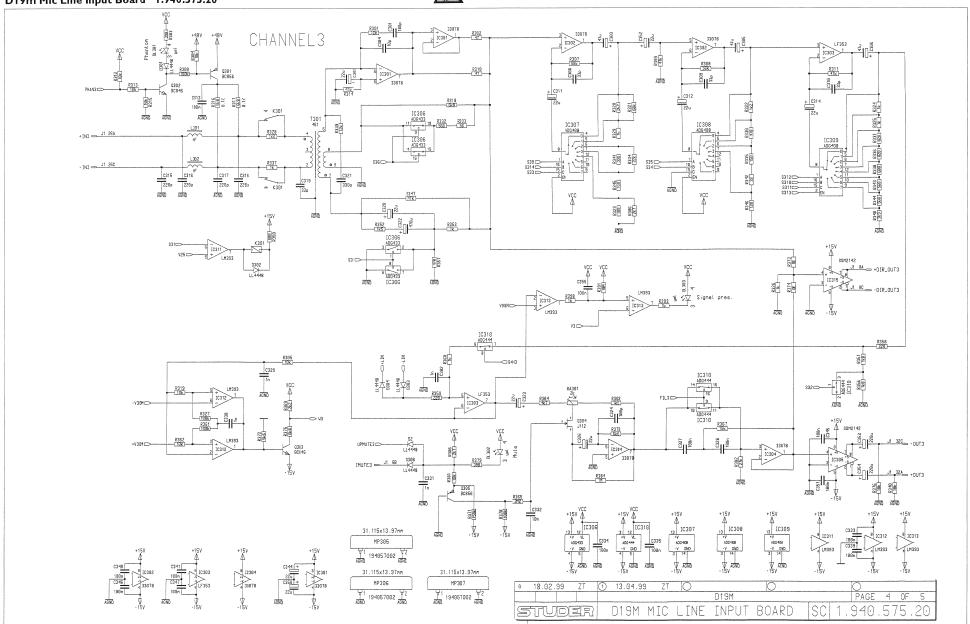
DI9m Mic Line Input Board 1.940.575.20





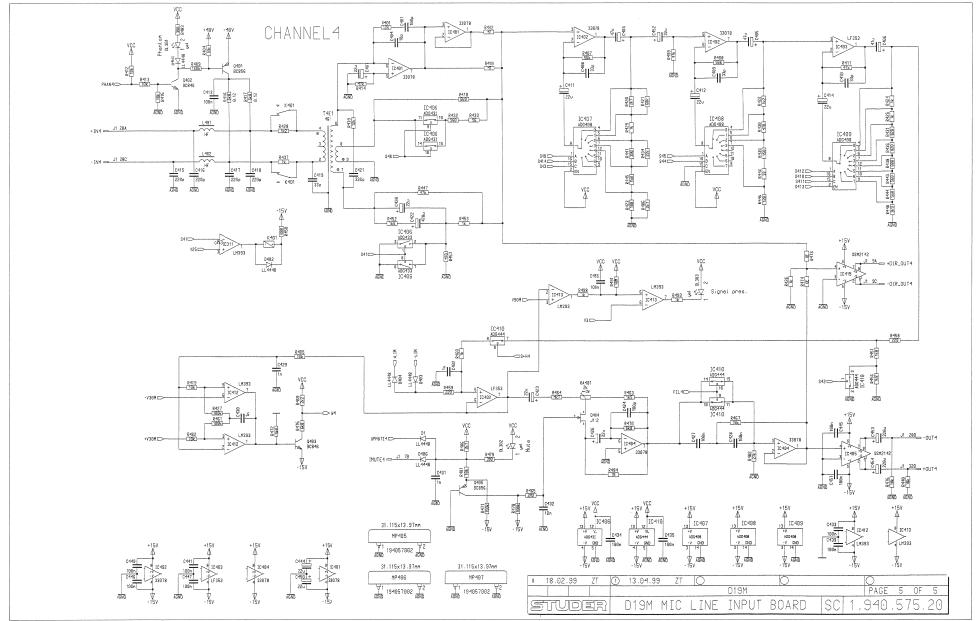


D19m Mic Line Input Board 1.940.575.20

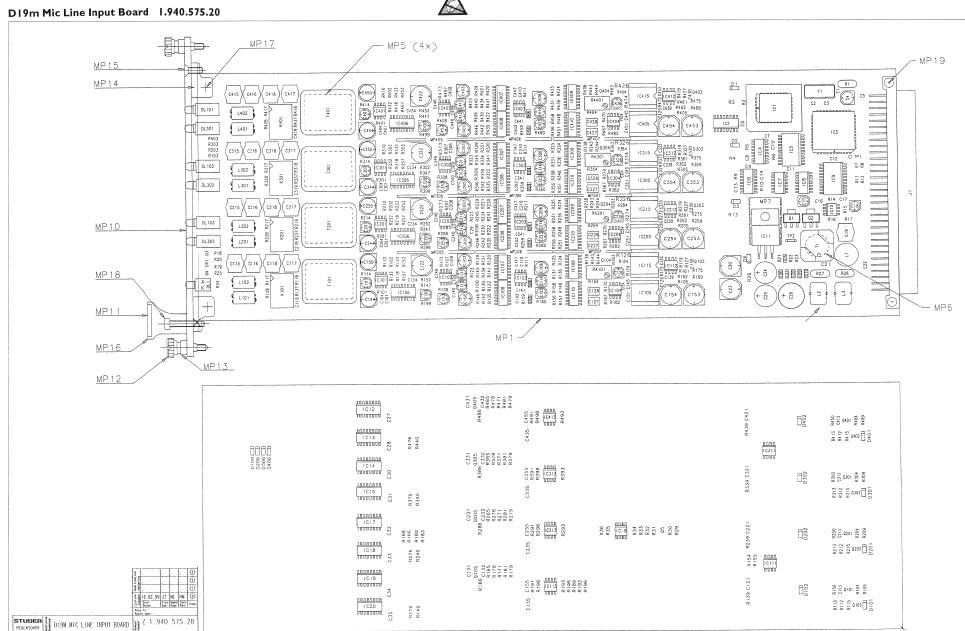












D19m Mic Line Input Board 1.940.575.22 (3)

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		11110		. III Porc						•	<u> </u>			rage. 1013
ldx.	Pos.	Part No.	Qty.	Type/Val.	Descriptio	n		ldx	. Pos.		Part No.	Qty.	Type/Val.	Description
•	C 1	59.60.333	7	100n	CER FOV	10%, X7R, 0	1805	0	C 206		59.68.0027		4 7u	EL 6V, 5.0*5.7
	C2	59.60.223		100n 27p		5%, C0G, 0		0	C 207		59.68.0025		22u	EL 6V, 4.0*5.7
	C3	59.60.223		27p		5%, C0G,		0	C 208		59.60.2237		33p	CER 50V, 5%, C0G, 0603
	C 4	59.68.006		22u		5.0*5.7		0	C 209		59.60.2237		33p	CER 50V, 5%, C0G, 0603
	C 5	59.60.333		100n		10%, X7R, 0		0	C 210 C 211		59.60.2237 59.68.0025		33p 22u	CER 50V, 5%, C0G, 0603 EL 6V, 4.0*5.7
	C 6	59.60.333		100n		10%, X7R, 0		0	C 212		59.68.0025		22u	EL 6V, 4.0*5.7
	C7	59.60.333		100n		10%, X7R, 0 5%, C0G, 0		0	C 213		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 8 C 9	59.60.236 59.60.333		330p 100n		10%, X7R, 0		0	C 214		59.68.0025		22u	EL 6V, 4.0*5.7
	C 10	59.60.236		330p		5%, C0G,		0	C 215		59.05.1221		220p	PP, 1%, 630V
	C 11	59.60.333		100n		10%, X7R, 0		0	C 216		59.05.1221		220p	PP, 1%, 630V
0	C 12	59.60.333	7 .	100n	CER 50V,	10%, X7R, 0	805	0	C 217		59.05.1221		220p	PP, 1%, 630V
	C 13	59.60.236		330p		5%, C0G, 0		0	C 218 C 219		59.05.1221 59.60.2237		220p 33p	PP, 1%, 630V CER 50V, 5%, C0G, 0603
	C 14	59.60.236		330p		5%, C0G, (0805	0	C 220		59.68.0025		22u	EL 6V, 4.0*5.7
	C 15 C 16	59.68.006 59.60.333		10u 100n		4.0*5.7 10%, X7R, 0	1905	0	C 221		59.60.2361		330p	CER 50V, 5%, C0G, 0805
	C 17	59.60.333		100n 100n		10%, X7R, 0		0	C 222		59.68.0033		470u	EL 6V, 8.0*10.7
	C 18	59.68.006		10u		4.0*5.7		0	C 223		59.68.0025		22u	EL 6V, 4.0*5.7
	C 19	59.05.233		330p	PP, 2.5%,			0	C 224		59.60.2249		100p	CER 50V, 5%, COG, 0603
0	C 20	59.68.011	5 1	100u	EL 35V,	8.0*10.7		0	C 226		59.68.0025		22u	EL 6V, 4.0*5.7
0	C 21	59.60.333		100n		10%, X7R, 0		0	C 227 C 228		59.63.0125 59.63.0125		100n 100n	PEN 50V, 5%, 1812 PEN 50V, 5%, 1812
	C 22	59.60.333		100n		10%, X7R, 0	1805	0			59.60.2373		1n0	CER 50V, 5%, C0G, 0805
	C 23	59.68.011		100u		8.0*10.7		0	C 230		59.60.2373		1n0	CER 50V, 5%, COG, 0805
	C 24 C 25	59.22.810 59.22.810		10u 10u		20% RM5 20% RM5		0	C 231		59.60.2373		1n0	CER 50V, 5%, COG, 0805
	C 26	59.22.847		17u		20% RM5		0	C 232		59.60.3325		10n	CER 50V, 10%, X7R, 0805
	C 27	59.60.333		100n		10%, X7R, 0	805	0	C 233		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 28	59.60.333		100n		10%, X7R, 0		0	C 234		not used		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.223	7 3	33p	CER 50V,	5%, C0G, 0	0603	0	C 235		not used		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.333	7 1	100n	CER 50V,	10%, X7R, 0	805	0	C 239		59.60.3337 59.60.3337		100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 31	59.60.333		100n		10%, X7R, 0		0	C 240 C 241		59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 32	59.60.333		100n		10%, X7R, 0		0	C 244		59.68.0111		22u	EL 35V, 6.3*5.7
	C 33	59.60.333		100n		10%, X7R, 0		0	C 245		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 34 C 35	59.60.333 59.60.333		100n 100n		10%, X7R, 0		0	C 246		59.60.3337		100n	CER 50V, 10%, X7R, 0805
-	C 101	59.60.224		100n		5%, C0G, 0		0	C 247		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 102	59.60.237		In0		5%, C0G, 0		0	C 250		59.68.0111		22u	EL 35V, 6.3*5.7
	C 103	59.68.002		17u		5.0*5.7		0	C 251		59.60.3337		100n	CER 50V, 10%, X7R, 0805
1	C 104	59.60.223	3 2	22p	CER 50V,	5%, C0G, 0	0603	0	C 252		59.68.0025		22u	EL 6V, 4.0*5.7
0	C 105	59.68.002	7 4	17u	EL 6V,	5.0*5.7		0	C 253 C 254		59.68.0031		220u 220u	EL 6V, 8.0*6.3 EL 6V, 8.0*6.3
	C 106	59.68.002		17u		5.0*5.7		0	C 255		59.68.0031 59.60.3337		100n	EL 6V, 8.0*6.3 CER 50V, 10%, X7R, 0805
	C 107	59.68.002		22u		4.0*5.7		0	C 301		59.60.2249		100n	CER 50V, 5%, C0G, 0603
	C 108	59.60.223		33p		5%, C0G, 0		0	C 302		59.60.2373		1n0	CER 50V, 5%, C0G, 0805
-	C 109 C 110	59.60.223 59.60.223		33p 33p		5%, C0G, 0 5%, C0G, 0		0	C 303		59.68.0027		47u	EL 6V, 5.0*5.7
	C 111	59.68.002		22u		4.0*5.7	7003	1	C 304		59.60.2233		22p	CER 50V, 5%, C0G, 0603
	C 112	59.68.002		22u		4.0*5.7		0	C 305		59.68.0027		47u	EL 6V, 5.0*5.7
	C 113	59.60.333		00n		10%, X7R, 0	805	0	C 306		59.68.0027		47u	EL 6V, 5.0*5.7
0	C 114	59.68.002	5 2	22u	EL 6V,	4.0*5.7		0	C 307		59.68.0025		22u	EL 6V, 4.0*5.7
	C 115	59.05.122		220p	PP, 1%, 63			0	C 308 C 309		59.60.2237 59.60.2237		33p 33p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603
	C 116	59.05.122		220p	PP, 1%, 63			0	C 310		59.60.2237		33p	CER 50V, 5%, C0G, 0603
	C 117 C 118	59.05.122 59.05.122		220p 220p	PP, 1%, 63 PP, 1%, 63			0	C 311		59.68.0025		22u	EL 6V, 4.0*5.7
	C 119	59.60.223		33p		5%, C0G, (1603	0	C 312		59.68.0025		22u	EL 6V, 4.0*5.7
	C 120	59.68.002		22u		4.0*5.7		0	C 313		59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.236	1 3	330p	CER 50V,	5%, C0G, 0	805	0	C 314		59.68.0025		22u	EL 6V, 4.0*5.7
	C 122	59.68.003	3 4	170u		8.0*10.7		0	C 315		59.05.1221 59.05.1221		220p	PP, 1%, 630V
	C 123	59.68.002		22u		4.0*5.7		0	C 316 C 317		59.05.1221		220p 220p	PP, 1%, 630V PP, 1%, 630V
	C 124	59.60.224		100p		5%, C0G, 0	0603	0	C 318		59.05.1221		220p	PP, 1%, 630V
	C 126 C 127	59.68.002 59.63.012		22u 100n		4.0*5.7 5%, 1812		0	C 319		59.60.2237		33p	CER 50V, 5%, C0G, 0603
	C 128	59.63.012		100n		5%, 1812		0	C 320		59.68.0025		22u	EL 6V, 4.0*5.7
	C 129	59.60.237		in0		5%, C0G, 0	1805		C 321		59.60.2361		330p	CER 50V, 5%, C0G, 0805
	C 130	59.60.237		In0		5%, C0G, 0			C 322		59.68.0033		470u	EL 6V, 8.0*10.7
	C 131	59.60.237		In0		5%, C0G, 0		0	C 323 C 324		59.68.0025 59.60.2249		22u 100p	EL 6V, 4.0*5.7 CER 50V 5% COG 0603
	C 132	59.60.332		10n		10%, X7R, 0			C 324		59.60.2249		100p 22u	CER 50V, 5%, C0G, 0603 EL 6V, 4.0*5.7
	C 133	59.60.333		100n		10%, X7R, 0		0	C 327		59.63.0125		100n	PEN 50V, 5%, 1812
	C 134 C 135	not use not use		00n 00n		10%, X7R, 0 10%, X7R, 0			C 328		59.63.0125		100n	PEN 50V, 5%, 1812
	C 139	59.60.333		100n		10%, X7R, 0		0	C 329		59.60.2373		1n0	CER 50V, 5%, C0G, 0805
	C 140	59.60.333		00n		10%, X7R, 0		0	C 330		59.60.2373		1n0	CER 50V, 5%, C0G, 0805
	C 141	59.60.333		00n	CER 50V,	10%, X7R, 0		0	C 331		59.60.2373		1n0	CER 50V, 5%, C0G, 0805
	C 144	59.68.011		22u	EL 35V,			0	C 332 C 333		59.60.3325 59.60.3337		10n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 145	59.60.333		00n		10%, X7R, 0			C 334		not used		100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 146 C 147	59.60.333		100n 100n		10%, X7R, 0		0	C 335		not used		100n	CER 50V, 10%, X7R, 0805
	C 147	59.60.333 59.68.011		22u		10%, X7R, 0 6.3*5.7		0	C 339		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 150	59.60.333		100n		10%, X7R, 0	805	0	C 340		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 152	59.68.002		22u		4.0*5.7			C 341		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 153	59.68.003		220u		8.0*6.3		0	C 344		59.68.0111		22u	EL 35V, 6.3*5.7
	C 154	59.68.003		220u		8.0*6.3		0	C 345		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 155	59.60.333		100n		10%, X7R, 0		0	C 346 C 347		59.60.3337 59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 201	59.60.224		100p		5%, C0G, 0		0	C 350		59.68.0111		22u	EL 35V, 6.3*5.7
	C 202 C 203	59.60.237 59.68.002		InO I7u		5%, C0G, 0 5.0*5.7	0000	0	C 351		59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 203	59.60.223		22p		5%, C0G, 0	0603		C 352		59.68.0025		22u	EL 6V, 4.0*5.7
	C 205	59.68.002		17u		5.0*5.7	•	0	C 353		59.68.0031		220u	EL 6V, 8.0*6.3
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ldx. Pos.	Part No.	Qty. Type/Val.	Description	lo	dx.	Pos.	Part No.	Qty.	Type/Val.	Description
0 C 354	59.68.0031	220u	EL 6V, 8.0*6.3		0	IC 1	1.940.984.21			SW 575 Preamp (50.63.1303)
0 C 355	59.60.3337	100n	CER 50V, 10%, X7R, 08	05	0	IC 2	50.62.3139		74HCT139	Dual 2 to 4 line decoder
0 C 401	59.60.2249	100p	CER 50V, 5%, C0G, 06	03	0	IC 3	50.63.0009		80C652	MPU 8bit
0 C 402	59.60.2373	1n0	CER 50V, 5%, C0G, 08	05	0	IC 4	50.62.1423		74HC423	Dual multivibr monost retrigg
0 C 403	59.68.0027	47u	EL 6V, 5.0*5.7			IC 5	50.62.3573		74HCT573	Octal D-type latch
1 C 404	59.60.2233	22p	CER 50V, 5%, C0G, 06			IC 6	50.62.1423		74HC423	Dual multivibr monost retrigg
0 C 405	59.68.0027	47u	EL 6V, 5.0*5.7			IC 7	50.62.1074		74HC 74	Dual D-type FF, preset clear
0 C 406	59.68.0027	47u	EL 6V, 5.0*5.7			IC 8	50.62.1074		74HC 74	Dual D-type FF, preset clear
0 C 407	59.68.0025	22u	EL 6V, 4.0*5.7 CER 50V, 5%, C0G, 06			IC 9	50.62.1273		74HC273 7705B	Octal D-FF with reset Reset Generator
0 C 408 0 C 409	59.60.2237 59.60.2237	33p 33p	CER 50V, 5%, C0G, 06 CER 50V, 5%, C0G, 06			IC 10 IC 11	50.63.2001 50.10.0116		LM317HV	IC IP 317 HVT, LM 317 HVT
0 C 410	59.60.2237	33p	CER 50V, 5%, C0G, 06			IC 12	50.62.1595		74HC595	8bit shift/output register
0 C 411	59.68.0025	22u	EL 6V, 4.0*5.7			IC 13	50.62.1595		74HC595	8bit shift/output register
0 C 412	59.68.0025	22u	EL 6V, 4.0*5.7			IC 14	50.62.1595		74HC595	8bit shift/output register
0 C 413	59.60.3337	100n	CER 50V, 10%, X7R, 08	J5		IC 15	50.62.1595		74HC595	8bit shift/output register
0 C 414	59.68.0025	22u	EL 6V, 4.0*5.7		0	IC 16	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 415	59.05.1221	220p	PP, 1%, 630V		0	IC 17	50.62.1595		74HC595	8bit shift/output register
0 C 416	59.05.1221	220p	PP, 1%, 630V		0	IC 18	50.62.1595		74HC595	8bit shift/output register
0 C 417	59.05.1221	220p	PP, 1%, 630V		0	IC 19	50.62.1595		74HC595	8bit shift/output register
0 C 418	59.05.1221	220p	PP, 1%, 630V		0	IC 20	50.62.1595		74HC595	8bit shift/output register
0 C 419	59.60.2237	33p	CER 50V, 5%, C0G, 06	03	0	IC 101	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 420	59.68.0025	22u	EL 6V, 4.0*5.7		0	IC 102	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 421	59.60.2361	330p	CER 50V, 5%, C0G, 08	35		IC 103	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0 C 422	59.68.0033	470u	EL 6V, 8.0*10.7			IC 104	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 423	59.68.0025	22u	EL 6V, 4.0*5.7			IC 105	50.09.0124		2142	Audio balanced line driver
0 C 424	59.60.2249	100p	CER 50V, 5%, C0G, 06			IC 106	50.61.8202		ADG433	Quad SPST SO 16
0 C 426	59.68.0025	22u	EL 6V, 4.0*5.7			IC 107	50.61.8201		DG408	8Ch analog Mux SO 16
0 C 427	59.63.0125 59.63.0125	100n	PEN 50V, 5%, 1812 PEN 50V, 5%, 1812			IC 108 IC 109	50.61.8201		DG408	8Ch analog Mux SO 16 8Ch analog Mux SO 16
0 C 428 0 C 429	59.63.0125	100n 1n0	CER 50V, 5%, 1812			IC 109	50.61.8201		DG408 ADG444	Quad SPST low charge inj SO 16
0 C 429 0 C 430	59.60.2373 59.60.2373	1n0 1n0	CER 50V, 5%, COG, 08			IC 111	50.61.8204 50.61.9001		LM393	Dual voltage comp. SO 8
0 C 430	59.60.2373	1n0	CER 50V, 5%, C0G, 08			IC 111	50.61.9001		LM393	Dual voltage comp. SO 8
0 C 432	59.60.3325	10n	CER 50V, 10%, X7R, 08			IC 113	50.61.9001		LM393	Dual voltage comp. SO 8
0 C 433	59.60.3337	100n	CER 50V, 10%, X7R, 08			IC 115	50.09.0124		2142	Audio balanced line driver
0 C 434	not used	100n	CER 50V, 10%, X7R, 08			IC 201	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 435	not used	100n	CER 50V, 10%, X7R, 08			IC 202	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 439	59.60.3337	100n	CER 50V, 10%, X7R, 08			IC 203	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0 C 440	59.60.3337	100n	CER 50V, 10%, X7R, 08) 5	0 1	IC 204	50.61.0204		MC33078	Dual Op-Amp low noise
0 C 441	59.60.3337	100n	CER 50V, 10%, X7R, 08)5	0 1	IC 205	50.09.0124		2142	Audio balanced line driver
0 C 444	59.68.0111	22u	EL 35V, 6.3*5.7		0 1	IC 206	50.61.8202		ADG433	Quad SPST SO 16
0 C 445	59.60.3337	100n	CER 50V, 10%, X7R, 08)5	0 1	IC 207	50.61.8201		DG408	8Ch analog Mux SO 16
0 C 446	59.60.3337	100n	CER 50V, 10%, X7R, 08)5	0 1	IC 208	50.61.8201		DG408	8Ch analog Mux SO 16
0 C 447	59.60.3337	100n	CER 50V, 10%, X7R, 08			IC 209	50.61.8201		DG408	8Ch analog Mux SO 16
0 C 450	59.68.0111	22u	EL 35V, 6.3*5.7			C 210	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0 C 451	59.60.3337	100n	CER 50V, 10%, X7R, 08			IC 212	50.61.9001		LM393	Dual voltage comp. SO 8
0 C 452 0 C 453	59.68.0025	22u 220u	EL 6V, 4.0*5.7 EL 6V, 8.0*6.3			C 213	50.61.9001		LM393	Dual voltage comp. SO 8
0 C 453 0 C 454	59.68.0031 59.68.0031	220u 220u				IC 215 IC 301	50.09.0124		2142 MC33078	Audio balanced line driver
0 C 454	59.60.3337	100n	EL 6V, 8.0*6.3 CER 50V, 10%, X7R, 08			C 302	50.61.0204 50.61.0204		MC33078	Dual Op-Amp low noise Dual Op-Amp low noise
0 D1	50.60.8001	4448	200mA 75V 4ns SOD			C 303	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0 D2	50.60.8001	4448	200mA 75V 4ns SOD			C 304	50.61.0204		MC33078	Dual Op-Amp low noise
0 D3	50.60.8001	4448	200mA 75V 4ns SOD			C 305	50.09.0124		2142	Audio balanced line driver
0 D4	50.60.8001	4448	200mA 75V 4ns SOD	10	0 1	C 306	50.61.8202		ADG433	Quad SPST SO 16
0 D5	50.60.8002	GL34A	500mA 50V DO 2	3	0 1	C 307	50.61.8201		DG408	8Ch analog Mux SO 16
0 D6	50.60.8002	GL34A	500mA 50V DO 2	3		C 308	50.61.8201		DG408	8Ch analog Mux SO 16
0 D7	50.60.8001	4448	200mA 75V 4ns SOD			C 309	50.61.8201		DG408	8Ch analog Mux SO 16
0 D8	50.60.8001	4448	200mA 75V 4ns SOD			C 310	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0 D9	50.60.8001	4448	200mA 75V 4ns SOD			IC 311	50.61.9001		LM393	Dual voltage comp. SO 8
0 D10	50.60.8001	4448	200mA 75V 4ns SOD			C 312	50.61.9001		LM393	Dual voltage comp. SO 8
0 D 101	50.60.8001 50.60.8001	4448	200mA 75V 4ns SOD			C 313	50.61.9001		LM393	Dual voltage comp. SO 8
0 D 102 0 D 103	50.60.8001 50.60.8001	4448 4448	200mA 75V 4ns SOD			C 315	50.09.0124 50.61.0204		2142 MC33078	Audio balanced line driver Dual Op-Amp low noise
0 D 103	50.60.8001	4448	200mA 75V 4ns SOD			C 401	50.61.0204		MC33078	Dual Op-Amp low noise
0 D104	50.60.8001	4448	200mA 75V 4ns SOD			C 402	50.61.0204		LF353	Dual Op-Amp JFET SO 8
0 D 201	50.60.8001	4448	200mA 75V 4ns SOD			C 404	50.61.0204		MC33078	Dual Op-Amp low noise
0 D 202	50.60.8001	4448	200mA 75V 4ns SOD			C 405	50.09.0124		2142	Audio balanced line driver
0 D 203	50.60.8001	4448	200mA 75V 4ns SOD			C 406	50.61.8202		ADG433	Quad SPST SO 16
0 D 204	50.60.8001	4448	200mA 75V 4ns SOD			C 407	50.61.8201		DG408	8Ch analog Mux SO 16
0 D 206	50.60.8001	4448	200mA 75V 4ns SOD			C 408	50.61.8201		DG408	8Ch analog Mux SO 16
0 D 301	50.60.8001	4448	200mA 75V 4ns SOD			C 409	50.61.8201		DG408	8Ch analog Mux SO 16
0 D 302	50.60.8001	4448	200mA 75V 4ns SOD			C 410	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0 D 303	50.60.8001	4448	200mA 75V 4ns SOD			C 412	50.61.9001		LM393	Dual voltage comp. SO 8
0 D 304	50.60.8001	4448	200mA 75V 4ns SOD			C 413	50.61.9001		LM393	Dual voltage comp. SO 8
0 D 306 0 D 401	50.60.8001 50.60.8001	4448 4448	200mA 75V 4ns SOD			C 415	50.09.0124		2142 96n	Audio balanced line driver
0 D 401 0 D 402	50.60.8001 50.60.8001	4448 4448	200mA 75V 4ns SOD 200mA 75V 4ns SOD			J 1 K 101	54.11.2009 56.04.0197		96p 2*u	EU-R 3*32p 24V 125V 24 Ag/Au
0 D 402	50.60.8001	4448	200mA 75V 4ns SOD			K 101 K 201	56.04.0197 56.04.0197		2*u	24V 125V 2A Ag/Au 24V 125V 2A Ag/Au
0 D 403	50.60.8001	4448	200mA 75V 4ns SOD			K 201	56.04.0197		2*u 2*u	24V 125V 2A Ag/Au 24V 125V 2A Ag/Au
0 D 406	50.60.8001	4448	200mA 75V 4ns SOD			K 401	56.04.0197		2*u	24V 125V 2A Ag/Au
0 DL1	50.04.2202	HLMP1790	DL HLMP - 1790 GN		0 1		62.02.3102		1mH	10%, radial RM 5
0 DL 101	50.04.2772	2*yel	Dual-LED mit Halter		0 1		62.03.0001		10uH	1A Toroid Chocke
0 DL 102	50.04.2772	2*yel	Dual-LED mit Halter			L 3	62.03.0001		10uH	1A Toroid Chocke
0 DL 103	50.04.2772	2*yel	Dual-LED mit Halter			L 101	62.60.0902			SMD Wideband choke
0 DL 301	50.04.2772	2*yel	Dual-LED mit Halter		0 1	L 102	62.60.0902			SMD Wideband choke
		241	0 1150 2112			204	00 00 0000			CMD Medaland about
0 DL 302	50.04.2772	2*yel	Dual-LED mit Halter			_ 201	62.60.0902			SMD Wideband choke
	50.04.2772 50.04.2772 50.60.9026	2*yel 2*yel 24V	Dual-LED mit Haiter 5%, 0.2W, SOT 23		0 ι	_ 201 _ 202 _ 301	62.60.0902 62.60.0902			SMD Wideband choke SMD Wideband choke SMD Wideband choke



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ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty	. Type/Val.	Description
0 L 302	62.60.0902		SMD Wideband choke	3 R 32	57.60.1123	12k	MF, 1%, 0204, E24
0 L 401	62.60.0902		SMD Wideband choke	0 R 33	57.60.1103	10k	MF, 1%, 0204, E24
0 L 402	62.60.0902		SMD Wideband choke	0 R 34	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 1	1.940.575.13		D19M MIC LINE Input PCB	0 R 35	57.60.1124	120k	MF, 1%, 0204, E24
0 MP 2	1.940.575.04		TYPENSCHILD	0 R 36	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 3	1.101.001.22		TEXT-ETIK. 5*20 HARDWARE -22	0 R 101	57.60.1123	12k	MF, 1%, 0204, E24
0 MP 4	43.01.0108	Label	ESE-WARNSCHILD	0 R 102 0 R 103	57.60.1470 57.60.1391	47R 390R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 MP5 0 MP6	1.022.400.03 4 pcs 1.010.004.61	RM5	ISOLATION Isolierscheibe d=10	0 R 103 0 R 104	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 7	50.20.3004	KWIS	Kühlkörper, TO 220, horizontal	0 R 105	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 10	1.940.575.01 1 pce		FRONTPLATTE MP4RC	0 R 106	57.60.1272	2k7	MF, 1%, 0204, E24
0 MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE	0 R 107	57.60.1563	56k	MF, 1%, 0204, E24
0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)	0 R 108	57.60.1563	56k	MF, 1%, 0204, E24
0 MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)	0 R 109	57.60.1154	150k	MF, 1%, 0204, E24
0 MP 14	49.02.0522 2 pcs		Kartenhalter mit Z-Schr	0 R 110	57.60.1470	47R	MF, 1%, 0204, E24
0 MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp	0 R 111	57.60.1473	47k	MF, 1%, 0204, E24
0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff	0 R 112	57.60.1103	10k	MF, 1%, 0204, E24
2 MP 17	not used 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0 R 113	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 18	21.53.0284 1 pce	M2.5*16	n MP14 (49.02.0522 Kartenhalter) enthalten Z-Schraube Inbus Zn gb chr	0 R 114 0 R 115	57.60.1473 57.60.1103	47k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 116	57.69.2002	6k8	MF 0.1% 25ppm 0204
3 MP 20	43.10.0111 1 pce	В	Revisions-Etikette 5mm h'blau	0 R 117	57.69.2002	6k8	MF 0.1% 25ppm 0204
0 MP 205	not used		Abschirmblech	0 R 118	57.60.1682	6k8	MF, 1%, 0204, E24
0 MP 206	not used		Abschirmblech	0 R 119	57.60.1103	10k	MF, 1%, 0204, E24
0 MP 207	not used		Abschirmblech	0 R 120	57.60.1272	2k7	MF, 1%, 0204, E24
0 MP 305	not used		Abschirmblech	0 R 121	57.60.1683	68k	MF, 1%, 0204, E24
0 MP 306	not used		Abschirmblech	0 R 122	57.60.1122	1k2	MF, 1%, 0204, E24
0 MP 307	not used		Abschirmblech	0 R 123	57.60.1101	100R	MF, 1%, 0204, E24
0 MP 405	not used		Abschirmblech	0 R 124	57.60.1102	1k0	MF, 1%, 0204, E24
0 MP 406	not used		Abschirmblech	0 R 125	57.60.1102	1k0	MF, 1%, 0204, E24
0 MP 407 0 Q 1	not used	FZT653	Abschirmblech NPN 100V 2.0A SOT 223	0 R 126	not used	1k0	MF, 1%, 0204, E24
0 Q1	50.60.0150 50.60.0150	FZT653	NPN 100V 2.0A SOT 223	0 R 127	57.60.1104	100k	MF, 1%, 0204, E24
0 Q2	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 128	57.60.1122	1k2	MF, 1%, 0204, E24
0 Q 4	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 129	57.60.1102 57.60.1471	1k0 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 Q 5	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 130 0 R 131	57.60.1471	820R	MF, 1%, 0204, E24
0 Q 101	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 132	57.60.1561	560R	MF, 1%, 0204, E24
0 Q 102	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 133	57.60.1560	56R	MF, 1%, 0204, E24
0 Q 103	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 134	57.60.1223	22k	MF, 1%, 0204, E24
0 Q 104	50.60.2001	J112	JFET N-Channel	0 R 135	57.60.1151	150R	MF, 1%, 0204, E24
0 Q 105	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 136	57.60.1821	820R	MF, 1%, 0204, E24
0 Q 201	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 137	57.60.1102	1k0	MF, 1%, 0204, E24
0 Q 202	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 138	57.60.1681	680R	MF, 1%, 0204, E24
0 Q 203 0 Q 204	50.60.0003	BC846B	NPN 65V 100mA SOT 23 JFET N-Channel	0 R 139	57.60.1123	12k	MF, 1%, 0204, E24
0 Q 204 0 Q 205	50.60.2001 50.60.1003	J112 BC856B	PNP 65V 100mA SOT 23	0 R 140	57.60.1103	10k	MF, 1%, 0204, E24
0 Q 301	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 141	57.60.1391	390R	MF, 1%, 0204, E24
0 Q 302	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 142 0 R 143	57.60.1330 57.60.1561	33R 560R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 Q 303	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 143	57.60.1561	560R	MF, 1%, 0204, E24
0 Q 304	50.60.2001	J112	JFET N-Channel	0 R 145	57.60.1151	150R	MF, 1%, 0204, E24
0 Q 305	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 146	57.60.1121	120R	MF, 1%, 0204, E24
0 Q 401	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 147	57.60.1473	47k	MF, 1%, 0204, E24
0 Q 402	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 148	57.60.1392	3k9	MF, 1%, 0204, E24
0 Q 403	50.60.0003	BC846B	NPN 65V 100mA SOT 23	0 R 150	57.60.1681	680R	MF, 1%, 0204, E24
0 Q 404 0 Q 405	50.60.2001 50.60.1003	J112 BC856B	JFET N-Channel PNP 65V 100mA SOT 23	0 R 151	57.60.1182	1k8	MF, 1%, 0204, E24
0 R1	57.92.7019	0.4A	PTC 60V	0 R 152	57.60.1152	1k5	MF, 1%, 0204, E24
0 R2	57.60.1473	47k	MF, 1%, 0204, E24	0 R 153 0 R 154	57.60.1102 57.60.1103	1k0 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R3	57.69.1097	10k	CF 5% 0603	0 R 155	57.60.1103	10k	MF, 1%, 0204, E24
0 R4	57.60.1473	47k	MF, 1%, 0204, E24	0 R 156	57.60.1182	1k8	MF, 1%, 0204, E24
0 R5	57.60.1153	15k	MF, 1%, 0204, E24	0 R 157	57.60.1471	470R	MF, 1%, 0204, E24
0 R6	57.60.1153	15k	MF, 1%, 0204, E24	0 R 158	57.60.1221	220R	MF, 1%, 0204, E24
0 R7	57.60.1103	10k	MF, 1%, 0204, E24	0 R 159	57.60.1221	220R	MF, 1%, 0204, E24
0 R8	57.60.1103	10k	MF, 1%, 0204, E24	0 R 160	57.60.1102	1k0	MF, 1%, 0204, E24
0 R9	57.60.1153	15k	MF, 1%, 0204, E24	0 R 161	57.60.1104	100k	MF, 1%, 0204, E24
0 R 10	57.60.1153	15k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 162	57.60.1103	10k	MF, 1%, 0204, E24
0 R11 0 R12	57.60.1103 57.60.1103	10k 10k	MF, 1%, 0204, E24	0 R 163	57.60.1152	1k5	MF, 1%, 0204, E24
0 R13	57.60.1473	47k	MF, 1%, 0204, E24	0 R 164	57.60.1472	4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R14	57.60.1103	10k	MF, 1%, 0204, E24	0 R 165 0 R 166	57.60.1225 57.60.1473	2M2 47k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 15	57.60.1100	10R	MF, 1%, 0204, E24	0 R 167	57.60.1153	15k	MF, 1%, 0204, E24
0 R 16	57.60.1103	10k	MF, 1%, 0204, E24	0 R 168	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 17	57.60.1472	4k7	MF, 1%, 0204, E24	0 R 169	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 18	57.60.1103	10k	MF, 1%, 0204, E24	0 R 170	57.60.1682	6k8	MF, 1%, 0204, E24
0 R 19	57.60.1103	10k	MF, 1%, 0204, E24	0 R 171	57.60.1154	150k	MF, 1%, 0204, E24
0 R 20	57.60.1223	22k	MF, 1%, 0204, E24	0 R 172	57.60.1562	5k6	MF, 1%, 0204, E24
0 R 21	57.60.1271 57.60.1103	270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 173	57.60.1000	0R0	MF, 0204
0 R 22 0 R 23	57.60.1103 57.60.1223	10k 22k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 174	not used	0R0	MF, 0204
0 R 24	57.60.1561	560R	MF, 1%, 0204, E24	0 R 175	57.60.1682 57.60.1103	6k8	MF, 1%, 0204, E24
0 R 25	57.60.1333	33k	MF, 1%, 0204, E24	0 R 176 0 R 178	57.60.1103 57.60.1104	10k 100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 26	57.60.1473	47k	MF, 1%, 0204, E24	0 R 179	57.60.1104	390R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 27	57.92.7019	0.4A	PTC 60V	0 R 180	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 28	57.92.7019	0.4A	PTC 60V	0 R 181	57.60.1103	10k	MF, 1%, 0204, E24
0 R 29	57.60.1473	47k	MF, 1%, 0204, E24	0 R 182	57.60.1273	27k	MF, 1%, 0204, E24
0 R 30	57.60.1473 57.60.1473	47k	MF, 1%, 0204, E24	0 R 183	57.60.1473	47k	MF, 1%, 0204, E24
0 R31	57.60.1473	47k	MF, 1%, 0204, E24	0 R 184	57.60.1105	1 M	MF, 1%, 0204, E24



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ldx. Pos.	Part No. Qty	/. Type/Val.	Description		ldx.	Pos.	Part No.	Qty. Type/Val	. Description
0 R 186	57.60.1272	2k7	MF, 1%, 0204, E24		0	R 293	57.60.1102	2 1k0	MF, 1%, 0204, E24
0 R 189	57.60.1473	47k	MF, 1%, 0204, E24			R 298	57.60.1102		MF, 1%, 0204, E24
0 R 191	57.60.1106	10M	MF, 1%, 0204, E24			R 299	57.60.1473		MF, 1%, 0204, E24
0 R 192	57.60.1473	47k	MF, 1%, 0204, E24			R 301	57.60.1123		MF, 1%, 0204, E24
0 R 193	57.60.1102	1k0	MF, 1%, 0204, E24		0	R 302	57.60.1470	47R	MF, 1%, 0204, E24
0 R 195	57.60.1102	1k0	MF, 1%, 0204, E24		0	R 303	57.60.1391	390R	MF, 1%, 0204, E24
0 R 196	57.60.1473	47k	MF, 1%, 0204, E24		0	R 304	57.60.1103	3 10k	MF, 1%, 0204, E24
0 R 198	57.60.1102	1k0	MF, 1%, 0204, E24			R 305	57.60.1103		MF, 1%, 0204, E24
0 R 199	57.60.1473	47k	MF, 1%, 0204, E24			R 306	57.60.1272		MF, 1%, 0204, E24
0 R 201	57.60.1123	12k	MF, 1%, 0204, E24			R 307	57.60.1563		MF, 1%, 0204, E24
0 R 202 0 R 203	57.60.1470 57.60.1391	47R 390R	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 308 R 309	57.60.1563 57.60.1154		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 204	57.60.1103	10k	MF, 1%, 0204, E24			R 310	57.60.1470		MF, 1%, 0204, E24
0 R 205	57.60.1103	10k	MF, 1%, 0204, E24			R 311	57.60.1473		MF, 1%, 0204, E24
0 R 206	57.60.1272	2k7	MF, 1%, 0204, E24		0	R 312	57.60.1103	3 10k	MF, 1%, 0204, E24
0 R 207	57.60.1563	56k	MF, 1%, 0204, E24		0	R 313	57.60.1103	3 10k	MF, 1%, 0204, E24
0 R 208	57.60.1563	56k	MF, 1%, 0204, E24			R 314	57.60.1473		MF, 1%, 0204, E24
0 R 209	57.60.1154	150k	MF, 1%, 0204, E24			R 315	57.60.1103		MF, 1%, 0204, E24
0 R 210	57.60.1470	47R	MF, 1%, 0204, E24			R 316	57.69.2002		MF 0.1% 25ppm 0204
0 R 211	57.60.1473	47k	MF, 1%, 0204, E24			R 317	57.69.2002		MF 0.1% 25ppm 0204
0 R 212	57.60.1103	10k 10k	MF, 1%, 0204, E24			R 318 R 319	57.60.1682 57.60.1103		MF, 1%, 0204, E24
0 R 213 0 R 214	57.60.1103 57.60.1473	47k	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 320	57.60.1103		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 215	57.60.1103	10k	MF, 1%, 0204, E24			R 321	57.60.1683		MF, 1%, 0204, E24
0 R216	57.69.2002	6k8	MF 0.1% 25ppm 0204	•		R 322	57.60.1122		MF, 1%, 0204, E24
0 R 217	57.69.2002	6k8	MF 0.1% 25ppm 0204			R 323	57.60.1101		MF, 1%, 0204, E24
0 R 218	57.60.1682	6k8	MF, 1%, 0204, E24			R 324	57.60.1102		MF, 1%, 0204, E24
0 R 219	57.60.1103	10k	MF, 1%, 0204, E24			R 325	57.60.1102		MF, 1%, 0204, E24
0 R 220	57.60.1272	2k7	MF, 1%, 0204, E24			R 326	not used		MF, 1%, 0204, E24
0 R 221	57.60.1683	68k	MF, 1%, 0204, E24			R 327	57.60.1104		MF, 1%, 0204, E24
0 R 222	57.60.1122	1k2	MF, 1%, 0204, E24			R 328	57.60.1122		MF, 1%, 0204, E24
0 R 223	57.60.1101	100R	MF, 1%, 0204, E24			R 329	57.60.1102		MF, 1%, 0204, E24
0 R 224 0 R 225	57.60.1102 57.60.1102	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 330 R 331	57.60.1471 57.60.1821		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 225	not used	1k0	MF, 1%, 0204, E24			R 332	57.60.1521		MF, 1%, 0204, E24
0 R 227	57.60.1104	100k	MF, 1%, 0204, E24			R 333	57.60.1560		MF, 1%, 0204, E24
0 R 228	57.60.1122	1k2	MF, 1%, 0204, E24			R 334	57.60.1223		MF, 1%, 0204, E24
0 R 229	57.60.1102	1k0	MF, 1%, 0204, E24			R 335	57.60.1151		MF, 1%, 0204, E24
0 R 230	57.60.1471	470R	MF, 1%, 0204, E24			R 336	57.60.1821		MF, 1%, 0204, E24
0 R 231	57.60.1821	820R	MF, 1%, 0204, E24		0 1	R 337	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 232	57.60.1561	560R	MF, 1%, 0204, E24			R 338	57.60.1681	680R	MF, 1%, 0204, E24
0 R 233	57.60.1560	56R	MF, 1%, 0204, E24			R 339	57.60.1123		MF, 1%, 0204, E24
0 R 234	57.60.1223	22k	MF, 1%, 0204, E24			R 340	57.60.1103		MF, 1%, 0204, E24
0 R 235 0 R 236	57.60.1151 57.60.1821	150R 820R	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 341 R 342	57.60.1391 57.60.1330		MF, 1%, 0204, E24
0 R 237	57.60.1102	1k0	MF, 1%, 0204, E24			R 343	57.60.1561		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 238	57.60.1681	680R	MF, 1%, 0204, E24			R 344	57.60.1561	560R	MF, 1%, 0204, E24
0 R 239	57.60.1123	12k	MF, 1%, 0204, E24			R 345	57.60.1151		MF, 1%, 0204, E24
0 R 240	57.60.1103	10k	MF, 1%, 0204, E24		0 1	R 346	57.60.1121	120R	MF, 1%, 0204, E24
0 R 241	57.60.1391	390R	MF, 1%, 0204, E24		0 1	R 347	57.60.1473	47k	MF, 1%, 0204, E24
0 R 242	57.60.1330	33R	MF, 1%, 0204, E24			R 348	57.60.1392		MF, 1%, 0204, E24
0 R 243	57.60.1561	560R	MF, 1%, 0204, E24			R 350	57.60.1681		MF, 1%, 0204, E24
0 R 244 0 R 245	57.60.1561 57.60.1151	560R 150R	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 351 R 352	57.60.1182 57.60.1152		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 246	57.60.1131	120R	MF, 1%, 0204, E24			R 353	57.60.1102		MF, 1%, 0204, E24
0 R 247	57.60.1473	47k	MF, 1%, 0204, E24			R 356	57.60.1182		MF, 1%, 0204, E24
0 R 248	57.60.1392	3k9	MF, 1%, 0204, E24			R 357	57.60.1471		MF, 1%, 0204, E24
0 R 250	57.60.1681	680R	MF, 1%, 0204, E24		0 1	R 358	57.60.1221	220R	MF, 1%, 0204, E24
0 R 251	57.60.1182	1k8	MF, 1%, 0204, E24		0 1	R 359	57.60.1221	220R	MF, 1%, 0204, E24
0 R 252	57.60.1152	1k5	MF, 1%, 0204, E24			R 360	57.60.1102		MF, 1%, 0204, E24
0 R 253 0 R 256	57.60.1102 57.60.1182	1k0	MF, 1%, 0204, E24			R 361	57.60.1104 57.60.1103		MF, 1%, 0204, E24
0 R 256 0 R 257	57.60.1182 57.60.1471	1k8 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 362 R 363	57.60.1103 57.60.1152		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 258	57.60.1221	220R	MF, 1%, 0204, E24			R 364	57.60.1152		MF, 1%, 0204, E24
0 R 259	57.60.1221	220R	MF, 1%, 0204, E24			R 365	57.60.1225		MF, 1%, 0204, E24
0 R 260	57.60.1102	1k0	MF, 1%, 0204, E24			R 367	57.60.1153		MF, 1%, 0204, E24
0 R 261	57.60.1104	100k	MF, 1%, 0204, E24		0 1	R 369	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 262	57.60.1103	10k	MF, 1%, 0204, E24			R 370	57.60.1682		MF, 1%, 0204, E24
0 R 263	57.60.1152	1k5	MF, 1%, 0204, E24			R 371	57.60.1154		MF, 1%, 0204, E24
0 R 264	57.60.1472	4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 372	57.60.1562		MF, 1%, 0204, E24
0 R 265 0 R 267	57.60.1225 57.60.1153	2M2 15k	MF, 1%, 0204, E24 MF, 1%, 0204, E24			R 373 R 374	57.60.1000 not used		MF, 0204 MF, 0204
0 R 269	57.60.1222	2k2	MF, 1%, 0204, E24			R 375	57.60.1682		MF, 1%, 0204, E24
0 R 270	57.60.1682	6k8	MF, 1%, 0204, E24			R 376	57.60.1103		MF, 1%, 0204, E24
0 R 271	57.60.1154	150k	MF, 1%, 0204, E24			R 378	57.60.1104		MF, 1%, 0204, E24
0 R 272	57.60.1562	5k6	MF, 1%, 0204, E24			R 379	57.60.1391		MF, 1%, 0204, E24
0 R 273	57.60.1000	0R0	MF, 0204			R 381	57.60.1103		MF, 1%, 0204, E24
									MF, 1%, 0204, E24
		390R							MF, 1%, 0204, E24
0 R 281	57.60.1103	10k	MF, 1%, 0204, E24			R 398	57.60.1102		MF, 1%, 0204, E24
0 R 282	57.60.1273	27k	MF, 1%, 0204, E24			R 399	57.60.1473		MF, 1%, 0204, E24
0 R 284	57.60.1105	1 M	MF, 1%, 0204, E24			R 401	57.60.1123		MF, 1%, 0204, E24
	57.60.1272	2k7				R 402	57.60.1470		MF, 1%, 0204, E24
υ R 291	57.60.1106	10M	MF, 1%, 0204, E24		0 1	₭ 403	57.60.1391	390R	MF, 1%, 0204, E24
0 R 271 0 R 272 0 R 273 0 R 274 0 R 275 0 R 276 0 R 278 0 R 279 0 R 281 0 R 282	57.60.1154 57.60.1562 57.60.1000 not used 57.60.1682 57.60.1103 57.60.1391 57.60.1391 57.60.1273 57.60.1105	150k 5k6 0R0 0R0 6k8 10k 100k 390R 10k 27k	MF, 1%, 0204, E24 MF, 196, 0204, E24 MF, 0204 MF, 0204 MF, 196, 0204, E24		0 i 0 i 0 i 0 i 0 i 0 i 0 i 0 i 0 i 0 i	R 378 R 379 R 381 R 382 R 384 R 386 R 391 R 393 R 398 R 399	57.60.1104 57.60.1391 57.60.1105 57.60.1105 57.60.1105 57.60.1105 57.60.1106 57.60.1102 57.60.1102 57.60.1102	100k 390R 10k 27k 1 M 2k7 10M 1 1k0 1 1k0 47k 1 12k 47R	MF, 1%, 0204, E;

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D.	19m	IVIIC	Line	input	Board	1.94
ldx.	Pos.	Part No.	Qty. 7	Гуре/Val.	Description	
0	R 404	57.60.1103	3 1	10k	MF, 1%, 0204, E24	
0	R 405	57.60.110		l0k	MF, 1%, 0204, E24	
0	R 406	57.60.1272		2k7	MF, 1%, 0204, E24	
0	R 407	57.60.1563	3 5	56k	MF, 1%, 0204, E24	
0	R 408	57.60.1563		56k	MF, 1%, 0204, E24	
0	R 409	57.60.1154		150k	MF, 1%, 0204, E24	
0	R 410	57.60.1470		17R	MF, 1%, 0204, E24	
0	R 411 R 412	57.60.1473 57.60.1103		17k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 413	57.60.1103		lOk	MF, 1%, 0204, E24	
0	R 414	57.60.1473		17k	MF, 1%, 0204, E24	
0	R 415	57.60.1103	3 1	l0k	MF, 1%, 0204, E24	
0	R 416	57.69.2002		Sk8	MF 0.1% 25ppm 0204	
0	R 417	57.69.2002		ik8	MF 0.1% 25ppm 0204	
0	R 418 R 419	57.60.1682 57.60.1103		6k8 IOk	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 420	57.60.1173		2k7	MF, 1%, 0204, E24	
0	R 421	57.60.1683		58k	MF, 1%, 0204, E24	
0	R 422	57.60.1122	2 1	k2	MF, 1%, 0204, E24	
0	R 423	57.60.1101	1 1	00R	MF, 1%, 0204, E24	
0	R 424	57.60.1102		k0	MF, 1%, 0204, E24	
0	R 425	57.60.1102		k0	MF, 1%, 0204, E24	
0	R 426 R 427	not used 57.60.1104		k0 00k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 428	57.60.1122		k2	MF, 1%, 0204, E24	
0	R 429	57.60.1102		k0	MF, 1%, 0204, E24	
0	R 430	57.60.1471		70R	MF, 1%, 0204, E24	
0	R 431	57.60.1821		320R	MF, 1%, 0204, E24	
0	R 432	57.60.1561		60R	MF, 1%, 0204, E24	
0	R 433	57.60.1560		i6R	MF, 1%, 0204, E24	
0	R 434 R 435	57.60.1223 57.60.1151		22k 50R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 436	57.60.1131		20R	MF, 1%, 0204, E24	
0	R 437	57.60.1102		k0	MF, 1%, 0204, E24	
0	R 438	57.60.1681	6	80R	MF, 1%, 0204, E24	
0	R 439	57.60.1123	3 1	2k	MF, 1%, 0204, E24	
0	R 440	57.60.1103		0k	MF, 1%, 0204, E24	
0	R 441	57.60.1391		90R	MF, 1%, 0204, E24	
0	R 442 R 443	57.60.1330 57.60.1561		13R 160R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 444	57.60.1561		660R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 445	57.60.1151		50R	MF, 1%, 0204, E24	
0	R 446	57.60.1121		20R	MF, 1%, 0204, E24	
0	R 447	57.60.1473	4	7k	MF, 1%, 0204, E24	
0	R 448	57.60.1392		lk9	MF, 1%, 0204, E24	
0	R 450	57.60.1681		80R	MF, 1%, 0204, E24	
0	R 451 R 452	57.60.1182 57.60.1152		k8 k5	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 452	57.60.1102		k0	MF, 1%, 0204, E24	
0	R 456	57.60.1182			MF, 1%, 0204, E24	
0	R 457	57.60.1471		70R	MF, 1%, 0204, E24	
0	R 458	57.60.1221	2	20R	MF, 1%, 0204, E24	
0	R 459	57.60.1221		20R	MF, 1%, 0204, E24	
0	R 460 R 461	57.60.1102 57.60.1104		k0 00k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 462	57.60.1104		0k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 463	57.60.1152		k5	MF, 1%, 0204, E24	
0	R 464	57.60.1472	. 4	k7	MF, 1%, 0204, E24	
0	R 465	57.60.1225	2	M2	MF, 1%, 0204, E24	
0	R 467	57.60.1153		5k	MF, 1%, 0204, E24	
0	R 469 R 470	57.60.1222 57.60.1682		:k2 :k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 471	57.60.1154		50k	MF, 1%, 0204, E24	
0	R 472	57.60.1562		ik6	MF, 1%, 0204, E24	
0	R 473	57.60.1000	0	R0	MF, 0204	
0	R 474	not used	1 0	R0	MF, 0204	
0	R 475	57.60.1682		ik8	MF, 1%, 0204, E24	
0	R 476 R 478	57.60.1103 57.60.1104		0k 00k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 479	57.60.1104		90R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 481	57.60.1103		0k	MF, 1%, 0204, E24	
0	R 482	57.60.1273	2	.7k	MF, 1%, 0204, E24	
0	R 484	57.60.1105		М	MF, 1%, 0204, E24	
0	R 486	57.60.1272		1k7	MF, 1%, 0204, E24	
0	R 491 R 493	57.60.1106 57.60.1102		OM k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 493 R 498	57.60.1102		k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
0	R 499	57.60.1102		7k	MF, 1%, 0204, E24	
0	RA 101	58.05.1202	. 2	k0	10%, 0.5W, Cermet	
0	RA 201	58.05.1202		!k0	10%, 0.5W, Cermet	
0	RA 301	58.05.1202		k0	10%, 0.5W, Cermet	
0	RA 401	58.05.1202 1.022.653.00		:k0	10%, 0.5W, Cermet TRAFO VF-DISPLAY	
0	T 1 T 101	1.022.653.00			HIGH-LEVEL MIC INPUT	
0	T 201	1.022.461.00			HIGH-LEVEL MIC INPUT	
0	T 301	1.022.461.00			HIGH-LEVEL MIC INPUT	
0	T 401	1.022.461.00			HIGH-LEVEL MIC INPUT	-

ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	TP 2	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XIC 1	53.03.2232		32p	PLCC-Socket
0	XIC 10	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 11	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.0166		8р	DIL 0.3", löt, gerade
0	XIC 21	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 30	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 31	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 40	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 41	53.03.0166		8p	DIL 0.3", löt, gerade
0	Y 1	89.60.1003		12.000MHz	SMD Quartz

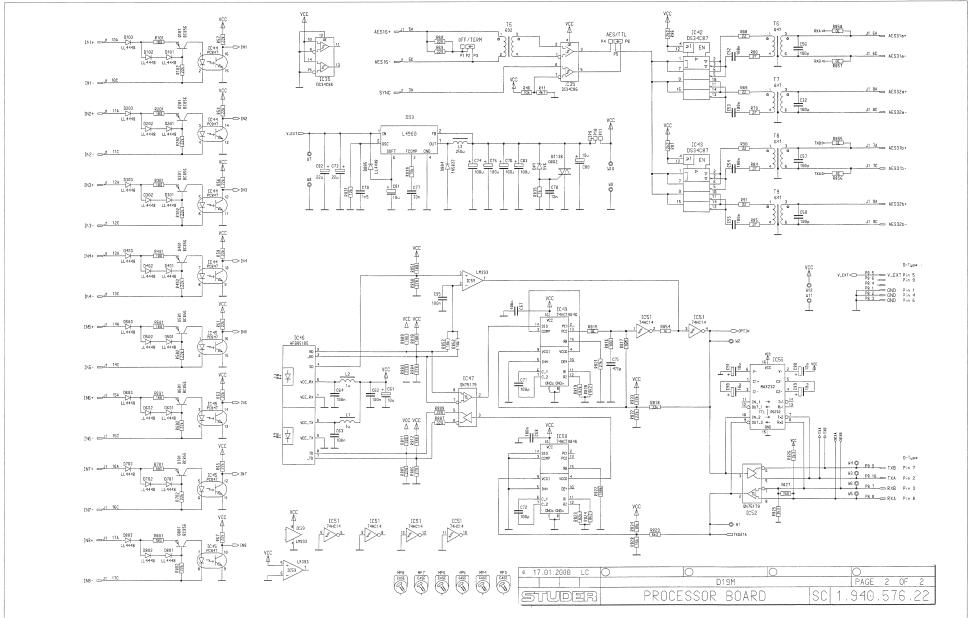
End of List

⁽¹⁾ C104,C204,C304,C404 changed to 22pF Additional:MP20 (2) 12.04.00 MP 17 not used (3) Improved limiter performance: R32 changed to 12k

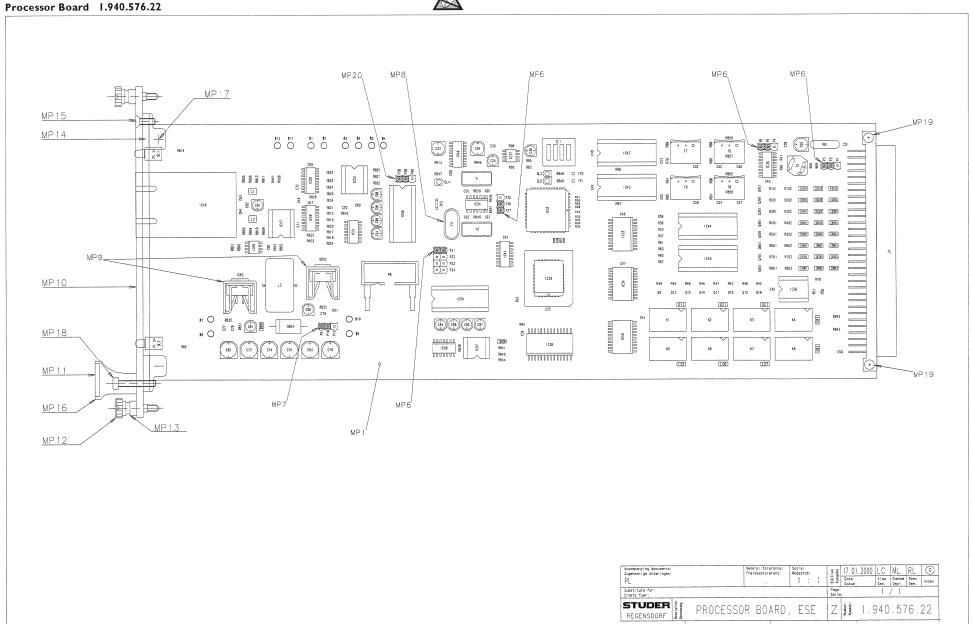
Processor Board 1.940.576.22 AD(66:07) TB =J1 18A J1 -21A - R2A J1 218 R2R 20 XTAL2 35 _EA-V60 32 _PSEN J1 22A __ R3A 33 ALE_PSGG PLCC44 11 RxD-P2.0 TxD-P2.1 NC 14 -INTO-P3.2 SDA-P1. NC 15 -INT1-P3.3 P21 RS422 P22 RS232 P23 OPTICAL P24 HIDI 29F010 NC 16 TB-P3.4 NC 17 T1-P3.5 J1 23A - R4A MIDI_I+ --- J1 259 IC34 74HC273 LCLR MID1_T+ == J1.278 - AD00 - AD01 - AD02 - AD03 - AD04 - AD05 - AD06 - AD07 SC. ⇒J1 3B ⇒SCL J1 24A PSA SOA —JL_3C__SOA MIDI_O+ = 1288 R843 VCC IC38 6264-120 MIDI_0 - - J128C J1 25A - RSA GND — MA AES16 + AES316 + AES326 + AES326 + AES326 + IN1 + IN3 + IN4 + IN5 + IN6 + IN7 + I J1 26A __ R7A J1 274 - R8A D19M PAGE OF PROCESSOR BOARD 1.940.576 STUDER



Processor Board 1.940.576.22









Processor Board 1.940.576.23

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Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
C 32	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 D 403	50.60.8001	4448	200mA 75V 4ns SOD 80	0 MP 20	not used	Jumper	0.63 * 0.63mm	0 R 86	57.60.1222	2K2	MF, 1%, 0204, E24
33	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D 501	50.60.8001	4448	200mA 75V 4ns SOD 80	0 MP 21	1.101.001.22		TEXT-ETIK. 5*20 HARDWARE -22	0 R 87	57.60.1222	2K2	MF, 1%, 0204, E24
34	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D 502	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F1	54.01.0020	1p	Pin 0.63*0.63	0 R 88	57.60.1220	22R	MF, 1%, 0204, E24
35	59.68.0065	10u	EL 16V, 4.0*5.7	0 D 503	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F2	54.01.0020	1p	Pin 0.63*0.63	0 R 89	57.60.1220	22R	MF, 1%, 0204, E24
86	59,68,0065	10u	EL 16V, 4.0*5.7	0 D 601	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F3	54.01.0020	1p	Pin 0.63*0.63	0 R 90	57.60.1220	22R	MF, 1%, 0204, E24
7	59.68.0067	22u	EL 16V, 5.0*5.7	0 D 602	50.60,8001	4448	200mA 75V 4ns SOD 80	0 F4	54.01.0020	1p	Pin 0.63*0.63	0 R 91 0 R 92	57.60.1220 57.60.1103	22R	MF, 1%, 0204, E24
В	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D 603	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F5	54.01.0020	10	Pin 0 63*0.63			10K	MF, 1%, 0204, E24
9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D 701	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F6	54.01.0020	1p	Pin 0.63*0.63	0 R 93	57.60.1103	10K	MF, 1%, 0204, E24
0	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D 702	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F8	not used	10p	P STECKER 10 P,AU,VR,GERADE	0 R 94 0 R 95	57.60.1103 57.60.1100	10K 10R	MF, 1%, 0204, E24
1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 D 703	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F9	not used	1p	Pin 0.63*0.63	0 R95 0 R96	57.60.1100 57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
2	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V 10%, X7R, 0805	0 D 801	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F10	not used	1p	Pin 0.63*0.63	0 R 96	57.60.1103	10K 180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
13	59.60.3337	100n 100n		0 D 802	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F11	not used	1p	Pin 0.63*0.63	0 R 101	57.60.1181 57.60.1223	180K	MF, 1%, 0204, E24 MF 1% 0204 F24
14	59.60.3337		CER 50V, 10%, X7R, 0805	0 D 803	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F 21	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 R 102	57.60.1223	180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
15	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 D 804	not used	1N5822	3A, Schottky	0 F 22	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 R 201	57.60.1181	180R 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
16	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 D 805	not used	4448	200mA 75V 4ns SOD 80	0 F 23	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 R 202	57.60.1223	180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
17	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 D 806	50.60.8001	4448	200mA 75V 4ns SOD 80	0 F 24	54.01.0020 2 pcs	1p	Pin 0.63*0.63	0 R 302	57.60.1161	22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
48	59.60.3337	100n	CER 50V, 10%, X/R, 0805	0 DL1	50.04.2202	HLMP1790	DL HLMP - 1790 GN	0 P35	54.01.0020	1p	Pin 0.63*0.63	0 R 401	57.60.1223	180R	MF, 1%, 0204, E24 MF, 1%, 0204 F24
49 50	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DL:	50.04.2202		DI HIMP - 1790 GN	0 F36	54.01.0020	1p	Pin 0.63*0.63	0 R 401	57.60.11223	22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
		100n	CER 50V, 10%, X/R, 0805 CER 50V 10%, X/R, 0805	0 DL3	not used	TLUY 2401	DL TLUY 2401 GB MATT	0 F 37	54.01.0020	1p	Pin 0.63*0.63	0 R 501	57.60.1223	180R	
51 52	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DL4	not used		DL TLUG 2401 GN MATT	0 P 38	not used	1p	Pin 0.63*0.63	0 R 501	57.60.1181	180R 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
52 53	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DL5	not used		DL TLUR 2401 RT MATT	0 P39	not used	1p	Pin 0.63*0.63	0 R 601	57.60.1223 57.60.1181	180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
53 54	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V 10% X7R 0805					0 P40	not used	1p	Pin 0.63*0.63	0 R 602	57.60.1223	180K 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DV 1	not used	5V6	5%, 0.2W, SOT 23					0 R 701	57.60.1223 57.60.1181	22K 180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
5	59.60.3337 59.60.2249	100n 100p	CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0803	0 IC 32	50.63.0009	800652	MPU 8bit	0 C 9	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R701	57.60.1181	180K 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
56	59.60.2249 59.60.2249	100p 100p	CER 50V, 5%, COG, 0903 CER 50V 5% COG 0803	0 IC 32	50.62.1541	74HC541	Octal buffer line driver/recei	0 Q 10	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R 702	57.60.1223	22K 180R	MF, 1%, 0204, E24 MF 1% 0204 F24
57	59.60.2249 59.60.2249	100p 100p	CER 50V, 5%, CUG, 0803 CER 50V. 5%, COG, 0803	0 IC 34	50.62.1273	74HC273	Octal burier line driver/recei	0 Q 11	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R 801	57.60.1181	180K 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
58 59	59.60.2249 59.60.2235	100p 27p	CER 50V, 5%, COG, 0803 CER 50V. 5%, COG, 0803	0 IC 34	50.62.1273	DS34C86	4*RS 422 Line Receiver	0 Q 12	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R 803	57.60.1223 57.60.1271	22K 270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
59 30	59.60.2235 59.60.2235	27p 27p	CER 50V, 5%, CDG, 0903 CER 50V 5% CDG, 0903	0 IC35	50.02.0463	75179B	IC SN 75179R P	0 Q 13	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R 803	57.60.1271 57.60.1271	270R 270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	59.60.2235 59.68.0065	27p 10u	CER 50V, 5%, C0G, 0503 EL 16V, 4.0*5.7	0 IC 36	50.15.0126	75179B 7705B	Reset Generator	0 Q 14	50.60.0050		NPN 45V 800mA SOT 23	0 R 804	57.60.1271 57.60.1271	270R 270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
61 62	59.68.0065 59.60.3337	10u 100n	EL 16V, 4.0°5.7 CER 50V, 10%, X7R, 0805	0 IC 38	50.63.2001	6264	SRAM 8K*8. 120ns	0 Q 15	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R 805	57.60.1271 57.60.1271	270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
32 33	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 39	1 940 982 22	3204	SW 576 Control (50 63 1303)	0 Q 16	50.60.0050	BC817-25	NPN 45V 800mA SOT 23	0 R 805	57.60.1271	270R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
63 64	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 40	50.62.3573	74HCT573	Octal D-type latch	0 Q 101	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 808	57.60.1221	220R 220R	MF, 1%, 0204, E24 MF 1% 0204 F24
65	59.68.0067	22u	EL 16V 5.0*5.7	0 IC 41	50.62.3139	74HCT139	Dual 2 to 4 line decoder	0 Q 201	50.60.1003	BC856B	PNP 65V 100mA SOT 23		57.60.1221 57.60.1181		
	59.68.0067	100n	CER 50V. 10%, X7R, 0805	0 IC 42	50.15.0127	34087	IC DS 34 C 87 TN MC34C87P A	0 Q 301	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 809 0 R 810	57.60.1181 57.60.1181	180R 180R	MF, 1%, 0204, E24
66			CER 50V, 10%, X/R, 0805 CER 50V 10% X7R 0805	0 IC 43	50.15.0127	34C87	IC DS 34 C 37 TN, MC34C87P A	0 Q 401	50.60.1003	BC856B	PNP 65V 100mA SOT 23				MF, 1%, 0204, E24
67 68	59.60.3337	100n		0 IC 43	50.04.2138	PC847	DLO PC-847 . EE-CM 4	0 Q 501	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 811	57.60.1181	180R	MF, 1%, 0204, E24
	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 44	50.04.2138	PC847	DLQ PC-847 , EE-CM 4	0 C 601	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 812 0 R 813	57.60.1181 57.60.1103	180R 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
39 70	59.60.3337 59.60.2365	100n 470p	CER 50V, 10%, X7R, 0805 CER 50V 5%, COG, 0305	0 IC 45	89.10.0021		LWL Transceiver FDDI/MADI	0 Q 701	50.60.1003	BC856B	PNP 65V 100mA SOT 23	0 R 813 0 R 814	57.60.1103 57.60.1102		MF, 1%, 0204, E24 MF 1% 0204 E24
70 71	59.60.2365 59.60.2249	470p 100p	CER 50V, 5%, C0G, 0305 CER 50V. 5%, C0G, 0303	0 IC 46	50.15.0126	75179B	IC SN 751798 P	0 Q 801	50.60.1003	BC856B	PNP 65V 100mA SOT 23		57.60.1102 57.60.1000	1K 0R0	MF, 1%, 0204, E24 MF. 0204
	59.60.2249 59.60.2249	100p 100p	CER 50V, 5%, COG, 0903 CER 50V. 5%, COG, 0903	0 IC 48	50.62.1423	74HC423	Dual multivitr monost retrigg	0 Q 802	not used	BT138	TRIAC 400V, 8A	0 R 815 0 R 816	57.60.1000 57.60.1101	0R0 100R	MF, 0204 MF, 1%, 0204, E24
72 73	59.60.2249 not used	100p 22u	CER 50V, 5%, COG, 0603 EL 35V. 6.3*5.7	0 IC 49	50.62.4946		PLL with bandgap contr VCO	0 F 28	57 69 1097	10k	CF 5% 0603	0 R816 0 R817	57.60.1101 57.60.1106	100R 10M	MF, 1%, 0204, E24 MF, 1%, 0204, E24
		22u 100u	EL 6V. 6.3*5.7	0 IC 50	50.62.4946		PLL with bandgap contr VCO	0 F 29	57 69 1097	10k	CF 5% 0603		57.60.1106	33K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
74	not used not used	100u	EL 6V, 6.3*5.7	0 IC 51	50.62.1014	74HC 14	Hex Schmitt trigger inverter	0 F 30	57.69.1097	10k	CF 5% 0603	0 R 818 0 R 819	57.60.1333 57.60.1823	82K	MF, 1%, 0204, E24 MF 1% 0204 E24
75 76	not used	100u	EL 6V, 6.3*5.7	0 IC 52	not used	75179B	IC SN 75179B P	0 F 31	57 69 1097	10k	CF 5% 0603	0 R 819	57.60.1823	8K2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
77	not used	33n	CER 50V. 10%. X7R. 0805	0 IC 53	not used	14960	1 4960	0 F 32	57 69 1097	10k	CF 5% 0603	0 R 821	57.60.1022	27K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
78	not used	10n	CER 50V, 10%, X7R, 0805	0 IC 54	50.62.1904	74HCU04	Hex inverter unbuffered	0 R 33	57.69.1097	10k	CF 5% 0603	0 R 822	57.60.1273	100K	MF. 1%, 0204, E24
78		1n5	CER 50V, 10%, X7R, 0805	0 IC 55	50 15 0120	MAX232	IC MAX 232 CPE	0 B 34	57 69 1097	10k	CF 5% 0603	0 R 823	57.60.1823	82K	MF. 1%, 0204, E24
	not used	10u	EL 16V. 4.0*5.7	0 IC 56	not used	MAX232	IC MAX 232 CPE	0 R 35	57.69.1097	10k	CF 5% 0603	0 R 824	57.60.1822	8K2	MF. 1%, 0204, E24
80	not used	10u 10u	EL 16V, 4.0°5.7	0 IC 57	50.04.4501	PC300V	DLQ PC 900 V	0 F 36	57.69.1097	10k	CF 5% 0603	0 R 825	not used	3K3	MF, 1%, 0204, E24
81	not used	10u 22u	EL 16V, 4.0°5.7 EL 35V 6.3*5.7	0 IC 58	50.62.1014	74HC 14	Hex Schmitt trigger inverter	0 F 37	57.69.1097	10k	CF 5% 0603	0 R 826	not used	3K3	MF, 1%, 0204, E24
82	not used not used	22u 100u	EL 35V, 6.3*5.7 EL 6V. 6.3*5.7	0 IC 59	50.61.9001	LM393	Dual voltage comp. SO 8	0 F 38	57.69.1097	10k	CF 5% 0603	0 R 827	not used	150R	MF, 1%, 0204, E24 MF 1% 0204 E24
83								0 F 39	57.69.1097	10k	CF 5% 0603	0 R 828	57.60.1153	15K	MF, 1%, 0204, E24
84	59.68.0065 59.68.0065	10u 10u	EL 16V, 4.0*5.7 EL 16V, 4.0*5.7	0 J1	54.11.2009	96p	EU-R 3*32p	0 F 40	57.69.1097	10k	CF 5% 0603	0 R 828	57.60.1153 57.60.1622	15K 6K2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	59.68.0065 59.68.0065	10u 10u	EL 16V, 4.0*5.7 EL 16V, 4.0*5.7	0 K1	56.04.0195	2u	6V 125V 2A Ag/Au	0 F 41	57.60.1472	4K7	MF, 1%, 0204, E24	0 R 830	not used	15K	MF 1% 0204, E24
86				0 K1 0 K2	56.04.0195 56.04.0195		6V 125V 2A Ag/Au 6V 125V 2A Ag/Au	0 642	57.60.1102	1K	MF, 1%, 0204, E24	0 R 831	not used	12K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
87 88	59.68.0065	10u 10u	EL 16V, 4.0*5.7 EL 16V. 4.0*5.7		56.04.0195 56.04.0195	2u		0 F 43	57.60.1102	1K	MF, 1%, 0204, E24	0 R 832	57.60.1223	22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	not used	10u 10u	EL 16V, 4.0°5.7	0 K3		2u	6V 125V 2A Ag/Au 6V 125V 2A Ag/Au	0 F 44	57.60.1102	1K	MF, 1%, 0204, E24	0 R 833	57.60.1223	22K	MF 1% 0204 E24
89 90	not used not used	10u 10u	EL 16V, 4.0°5.7 EL 16V. 4.0°5.7	0 K4	56.04.0195	2u	OF ILOV LICINGING	0 F 45	57.60.1102	1K	MF, 1%, 0204, E24	0 R 834	57.60.1223	10K	MF, 1%, 0204, E24
	not used not used	10u 10u	EL 16V, 4.0°5.7 EL 16V, 4.0°5.7	0 K5	56.04.0195	2u	6V 125V 2A Ag/Au	0 F 46	57.60.1102	1K	MF, 1%, 0204, E24	0 R 835	not used	1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
91 92	not used 59.60.2235	10u 27p	EL 16V, 4.0°5.7 CER 50V, 5%, C0G, 0303	0 K6	56.04.0195	2u	6V 125V 2A Ag/Au	0 F 47	57.60.1102	1K	MF, 1%, 0204, E24	0 R 836	57 69 1097	10k	OF 5% 0603
92 93	59.60.2235 59.60.2235	2/p 27p	CER 50V, 5%, CUG, 0803 CER 50V 5% CUG 0803	0 K7	56.04.0195	2u	6V 125V 2A Ag/Au	0 R 48	57.60.1102	1K	MF, 1%, 0204, E24	0 R 837	57.69.1097	10k	CF 5% 0603
93	59.60.2235 59.68.0067	2/p 22u	EL 16V, 5.0*5.7	0 K8	56.04.0195	2u	6V 125V 2A Ag/Au	0 F 49	57.60.1102	1K	MF, 1%, 0204, E24	0 R 838	57.69.1097	390R	MF. 1%. 0204. E24
	59.68.0067	22u 100n	CER 50V. 10%, X7R, 0805	0 L1	62.60.0101	1.0uH	10%. SMD 1210	0 F 50	57.60.1332	3K3	MF, 1%, 0204, E24	0 R 839	57.60.1391	1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24
95	DB.0U.3337	1000	GER 30V, 10%, A/R, 0003	0 L1	62.60.0101	1.0uH	10%, SMD 1210	0 R 51	57.60.1332	3K3	MF. 1%. 0204. E24	0 R 840	57.60.1105	1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24
1	50.60.8001	4448	200mA 75V 4ns SOE 80	0 L2	not used	250uH	2A Toroid Chocke	0 R 53	57.60.1223	22K	MF, 1%, 0204, E24	0 R 841	57.60.1105	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
2	50.60.8001	4448	200mA 75V 4ns SOE 80					0 F 56	57.60.1223	22K	MF. 1%, 0204, E24	0 R 842	57.60.1221	220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
3	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP1	1.940.576.12		Processor Board PCB	0 R 57	57.60.1223	22K	MF. 1%, 0204, E24	0 R 842	57,60,1221 57,60,1221	220R 220R	MF, 1%, 0204, E24 MF 1% 0204 F24
	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP 2	1.940.576.04		Typenschild	0 R 59	57.60.1223	22K	MF. 1% 0204, E24	0 R 844	57.60.1221	220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP3	43.01.0108	Label	ESE-WARNSCHILD	0 R 61	57.60.1223	22K	MF. 1%, 0204, E24	0 R 845	57.60.1221	220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP 6	54.01.0021 4 pcs	Jumper	0.63 * 0.63mm	0 R 63	57.60.1223	22K	MF 1% 0204, E24 MF 1% 0204 F24	0 R 846	57.60.1221	10K	MF, 1%, 0204, E24 MF 1%, 0204, E24
	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP 7	not used 1 pce	Jumper	0.63 * 0.63mm	0 R65	57.60.1223	22K 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 846	57.60.1103 57.60.1102	10K 1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
3	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP8	not used 1 pce		QUARZ - ISOLIERPLATTE	0 R67	57.60.1223	22K 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 847 0 R 848	57.60.1102 57.60.1102	1K 1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
101	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP9	not used 2 pcs		Kühlkörper, TO 220, vertikal	0 R68	57.60.1223 57.60.1221	22K 220R	MF. 1%, 0204, E24 MF. 1%, 0204, E24		57.60.1102 57.60.1102		MF, 1%, 0204, E24 MF, 1%, 0204, E24
102	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP 10	1.940.576.01 1 pce		FRONTPLATTE RCC	0 R68	57.60.1221 57.60.1221	EE-011		0 R 849		1K	
102	50.60.8001	4448	200mA 75V 4ns SOE 80	0 MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE	0 R 59	57.60.1221 57.60.1151	220R 150R	MF, 1%, 0204, E24	0 R 850	57.60.1271	270R	MF, 1%, 0204, E24
201	50.60.6001	4448	200mA 75V 4ns SOE 80	0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)	0 R78			MF, 1%, 0204, E24	0 R 851	57.60.1181	180R	MF, 1%, 0204, E24
201	50.60.6001	4448	200mA 75V 4ns SOC 80	0 MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)		57.60.1270	27R	MF, 1%, 0204, E24	0 R 852	57.60.1103	10K	MF, 1%, 0204, E24
202	50.60.8001	4440	200mA 75V 4ns SOC 80	0 MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)	0 R80	57.60.1270	27R	MF, 1%, 0204, E24	0 R 853	57.60.1103	10K	MF, 1%, 0204, E24
203 301	50.60.8001	4448	200mA 75V 4ns SOC 80	0 MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp	0 R81	57.92.7053	1.6A	PTC 30V	0 R 854	57.60.1102	1K	MF, 1%, 0204, E24
	50.60.8001 50.60.8001	4448 4448	200mA 75V 4ns SOL 80 200mA 75V 4ns SOL 80	0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff	0 R 82	57.60.1102	1K	MF, 1%, 0204, E24				
302	50.60.8001 50.60.8001	4448 4448	200mA 75V 4ns SOL 80 200mA 75V 4ns SOL 80	0 MP 17	21.53.0279 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0 R83	57.60.1472	4K7	MF, 1%, 0204, E24				
303 401	50.60,8001 50.60,8001	4448 4448	200mA 75V 4ns SOE 80 200mA 75V 4ns SOE 80	0 MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr	0 R84	57.60.1270	27R	MF, 1%, 0204, E24				
	50 60 8001	4448	200mA 75V 4ns SOE 80 200mA 75V 4ns SOE 80	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R85	57.60.1270	27R	MF, 1%, 0204, E24				



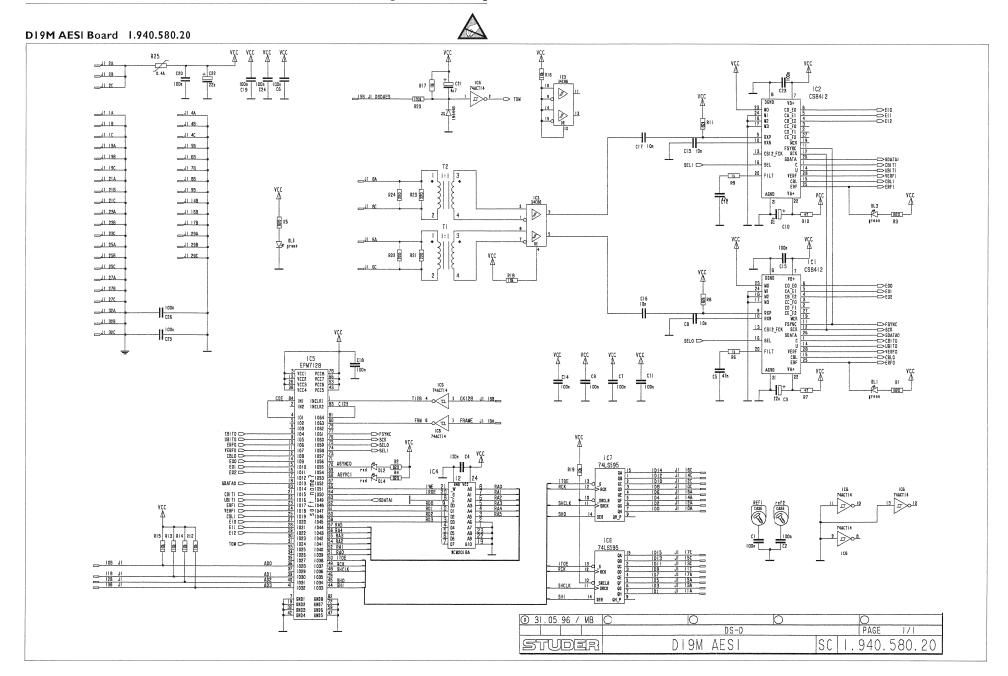


Processor Board 1.940.576.23

xt	Pos.	Part No.	Qty.	Type/Val.	Descr	iption	
0	R 855	not used		0R0	MF,	0204	
0	R 856	not used		0R0	MF,	0204	
0	R 857	not used		0R0	MF,	0204	
0	R 858	not used		0R0	MF,	0204	
	51	55.01.0164		4-a	SZ	, 4*A,	DIL
)	T 5	1.022.632.00		1:1	DI/DO	TRANSFO	RMER
0	T 6	1.022.647.00		1:1.4	OUTP	UT TRAFC	AES/EBU
0	T 7	1.022.647.00		1:1.4	OUTP	UT TRAFC	AES/EBU
0	T 8	1.022.647.00		1:1.4	OUTP	UT TRAFC	AES/EBU
)	T 9	1.022.647.00		1:1.4	OUTP	UT TRAFC	AES/EBU
0	TP 3	54.33.6010		2.8*0.8	PCB-F	lachstecke	r, gerade
0	XDL 1	50.20.2501		Spacer	LED-S	ockel	
)	XDL 2	50.20.2501		Spacer	LED-S	ockel	
)	XIC 36	53.03.0166		8p	DIL 0.	3", löt, gera	de
0	XIC 39	53.03.2232		32p	PLCC-	Socket	
0	XIC 52	not used		8p	DIL 0.	3", löt, gera	de
0	XIC 55	53.03.0168		16p	DIL 0.	3", löt, gera	de
0	XIC 56	not used		16p	DIL 0.	3", löt, gera	de
)	Y 1	89.60.1003		12.000MHz	SMD	Quartz	
0	Y 2	89.60.1007		14.7456MHz	SMD	Quartz	
0	Y 3	not used		12.000MHz	XTAL	HC 49/U	

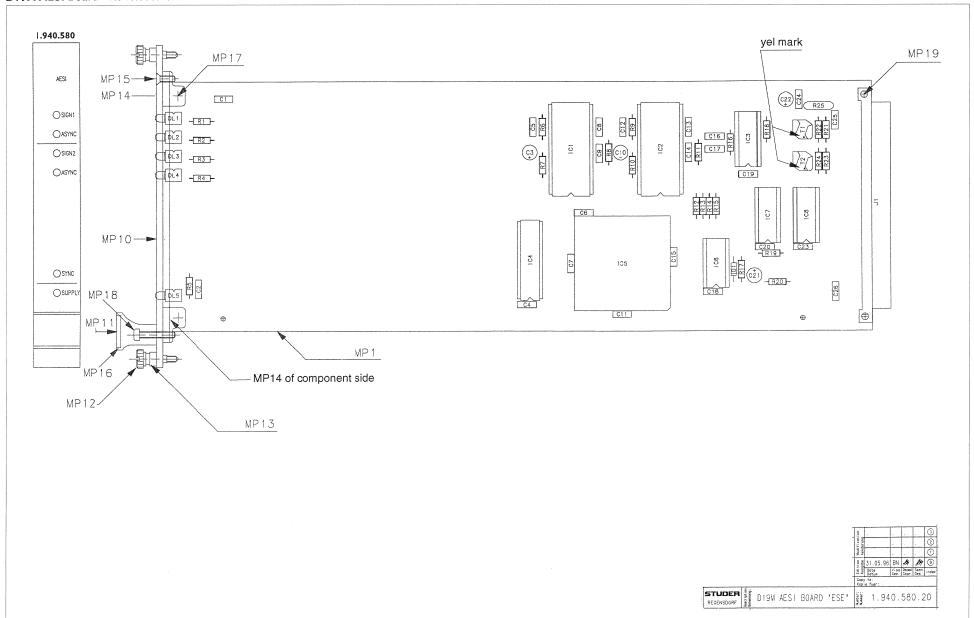
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Comments



DI9M AESI Board 1.940.580.20





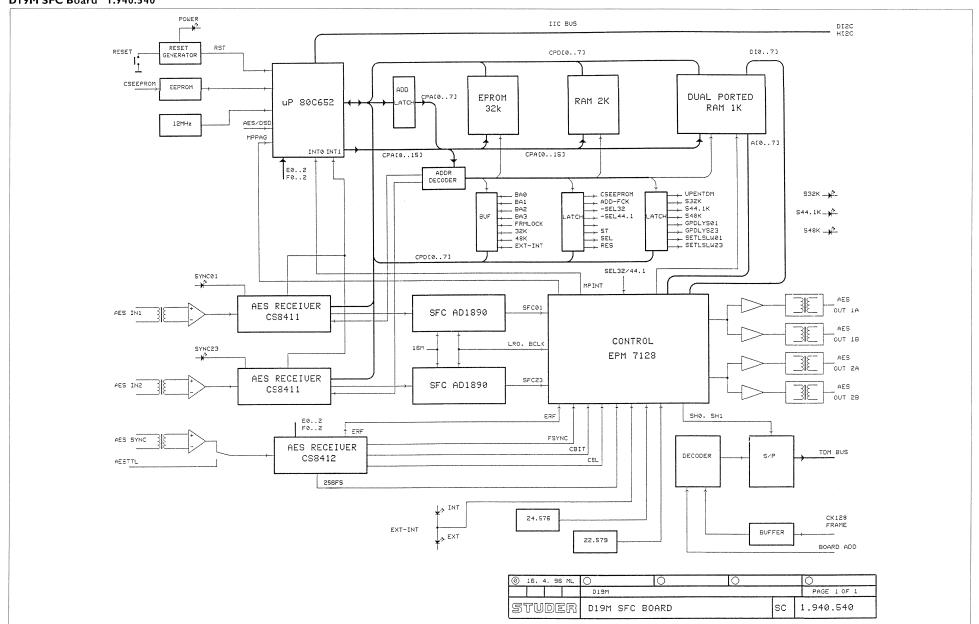




DI9m AESI Board 1.940.580.21

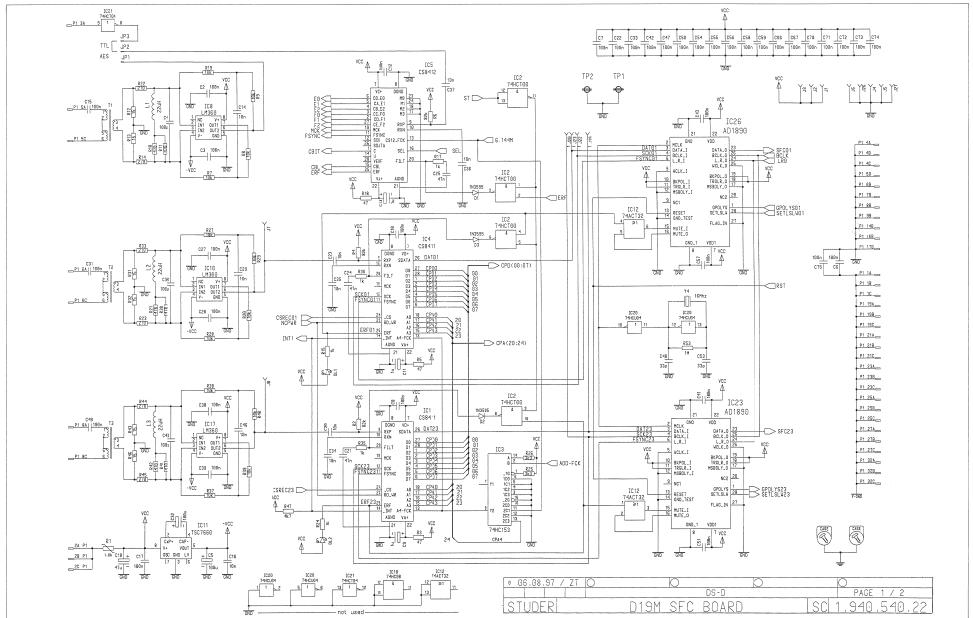
dx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
	C 1	59.06.0104		100n	PETP, 10%, 63V	0	R 16	57.11.3103	_	10k	MF, 1%, 0207
,	C 2	59.06.0104		100n	PETP, 10%, 63V	0	R 17	57.11.3105		1M0	MF, 1%, 0207
)						0	R 18	57.11.3103		10k	MF, 1%, 0207
	C 3	59.22.5220		22u	EL 25V, 20%, rad RM5						
1	C 4	59.06.0104		100n	PETP, 10%, 63V	0	R 19	57.11.3103		10k	MF, 1%, 0207
1	C 5	59.06.0473		47n	PETP, 10%, 63V	0	R 20	57.11.3104		100k	MF, 1%, 0207
	C 6	59.06.0104		100n	PETP, 10%, 63V	Ū	R 21	57.11.3221		220R	MF, 1%, 0207
1	C 7	59.06.0104		100n	PETP, 10%, 63V	0	R 22	57.11.3221		220R	MF, 1%, 0207
)	C8	59.06.0103		10n	PETP, 10%, 63V	0	R 23	57.11.3221		220R	MF, 1%, 0207
)	C 9	59.06.0104		100n	PETP, 10%, 63V	0	R 24	57.11.3221		220R	MF, 1%, 0207
)	C 10	59.22.5220		22u	EL 25V, 20%, rad RM5	0	R 25	57.92.7053		1.6A	RT 1.6 A ,POLY- PTC 30V
)	C 11	59.06.0104		100n	PETP, 10%, 63V						
)	C 12	59.06.0473		47n	PETP, 10%, 63V	0	T 1	1.022.632.00		1.022.632.00	DI/DO TRANSFORMER
)	C 13	59.06.0103		10n	PETP, 10%, 63V	0	T 2	1.022.632.00		1.022.632.00	DI/DO TRANSFORMER
						·		1.022.002.00		1,022,002,00	DIDO TITUTO OTTOLET
)	C 14	59.06.0104		100n	PETP, 10%, 63V	_				_	
)	C 15	59.06.0104		100n	PETP, 10%, 63V	0	XDL 1	50.20.2501		Spacer	LED-Sockel
)	C 16	59.06.0103		10n	PETP, 10%, 63V	0	XDL 2	50.20.2501		Spacer	LED-Sockel
)	C 17	59.06.0103		10n	PETP, 10%, 63V	0	XDL 3	50.20.2501		Spacer	LED-Sockel
						0	XDL 4			Spacer	LED-Sockel
)	C 18	59.06.0104		100n	PETP, 10%, 63V			50.20.2501			
)	C 19	59.06.0104		100n	PETP, 10%, 63V	0	XDL 5	50.20.2501		Spacer	LED-Sockel
)	C 20	59.06.0104		100n	PETP, 10%, 63V						
)	C 21	59.22.8479		4u7	EL 50V, 20%, rad RM5	0	XIC 5	53.03.2284		XIC PLCC84	XIC PLCC 84 PIN
						U	,,,,,,,	35.55.2204		.,,5 , 20004	200 07/111
)	C 22	59.22.5220		22u	EL 25V, 20%, rad RM5						
0	C 23	59.06.0104		100n	PETP, 10%, 63V					End of Lis	st
)	C 24	59.06.0104		100n	PETP, 10%, 63V						
5	C 25	59.06.0104		100n	PETP, 10%, 63V	Cor	nments				
0	C 26	59.06.0104		100n	PETP, 10%, 63V						
0	D 1	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35						
•				· · · · · · -							
_	D: :	F			DI 111 MD 4700						
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN						
					gesockelt mit 50.20.2501						
0	DL 2	50.04.2200		HLMP1700	DL HLMP - 1700 RT						
-		30,04,2200									
_		<u> </u>			gesockelt mit 50.20.2501						
0	DL 3	50.04.2202		HLMP1790	DL HLMP - 1790 GN						
					gesockelt mit 50.20.2501						
0	DL 4	50.04.2200		HLMP1700	DL HLMP - 1700 RT						
•	UL 4	JU,U4,ZZUÜ		, ILIVIE 1700							
					gesockelt mit 50.20.2501						
0	DL 5	50.04.2202		HLMP1790	DL HLMP - 1790 GN						
					gesockelt mit 50.20.2501						
					g						
		#= .=		000::0	10.00.0440.65						
0	IC 1	50.13.0202		CS8412	IC CS 8412-CP ,A						
0	IC 2	50.13.0202		CS8412	IC CS 8412-CP ,A						
0	IC 3	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A						
0	IC 4	50.14.1009		U17U1Z8-35	IC MCM 2018 A - 35 ,A						
0	IC 5	1.940.960.21			SW 580 DSDAI (50.63.4205)						
					gesockelt mit 53.03.2284						
0	IC 6	50.17.7014		ACT14	74 ACT 14 .						
				74LS595	IC SN 74 LS 595 N						
0	IC 7	50.06.0595									
0	IC 8	50.06.0595		74LS595	IC SN 74 LS 595 N						
0	J 1	54.11.2009			J EU-R 3 * 32						
-	- /										
c	MD 4	1 0/0 500 44			D19M AESI BOARD PCB						
0	MP 1	1.940.580.11									
0	MP 2	1.940.580.04			TYPENSCHILD						
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD						
0	MP 4	not used		Label	TEXT-ETIK. 5*20 HARDWARE -20						
	MP 10		1 000		FRONTPLATTE						
0			1 pce								
0	MP 11		1 pce		GRIFFEINLAGE 4TE						
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)						
0	MP 13		2 pcs		Metall-Buchse (Rack)						
0	MP 14				Kartenhalter (Rack)						
			2 pcs	140 517							
0	MP 15			M2.5*7	Senk-Schr, KS, Senkripp						
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff						
0	MP 17		2 pcs		Z - SCHR. IS , ZN , M2.5 * 6						
					Z - SCHR. IS , ZN , M2.5 * 16						
0	MP 18		1 pce								
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9						
0	R 1	57.11.3821		820R	MF, 1%, 0207						
0	R 2	57.11.3821		820R	MF, 1%, 0207						
				820R							
0	R3	57.11.3821			MF, 1%, 0207						
0	R 4	57.11.3821		820R	MF, 1%, 0207						
0	R 5	57.11.3821		820R	MF, 1%, 0207						
0	R6	57.11.3102		1k0	MF, 1%, 0207						
0	R 7	57.11.3470		47R	MF, 1%, 0207						
0	R 8	57.11.3823		82k	MF, 1%, 0207						
0	R 9	57.11.3102		1k0	MF, 1%, 0207						
0	R 10	57.11.3470		47R	MF, 1%, 0207						
	R 11	57.11.3823		82k	MF, 1%, 0207						
0		57.11.3103		10k	MF, 1%, 0207						
0	R 12										
0	R 12			10k	MF 1% 0207						
0	R 13	57.11.3103		10k	MF, 1%, 0207						
0				10k 10k 10k	MF, 1%, 0207 MF, 1%, 0207 MF, 1%, 0207						

Block Diagram
D19M SFC Board 1.940.540



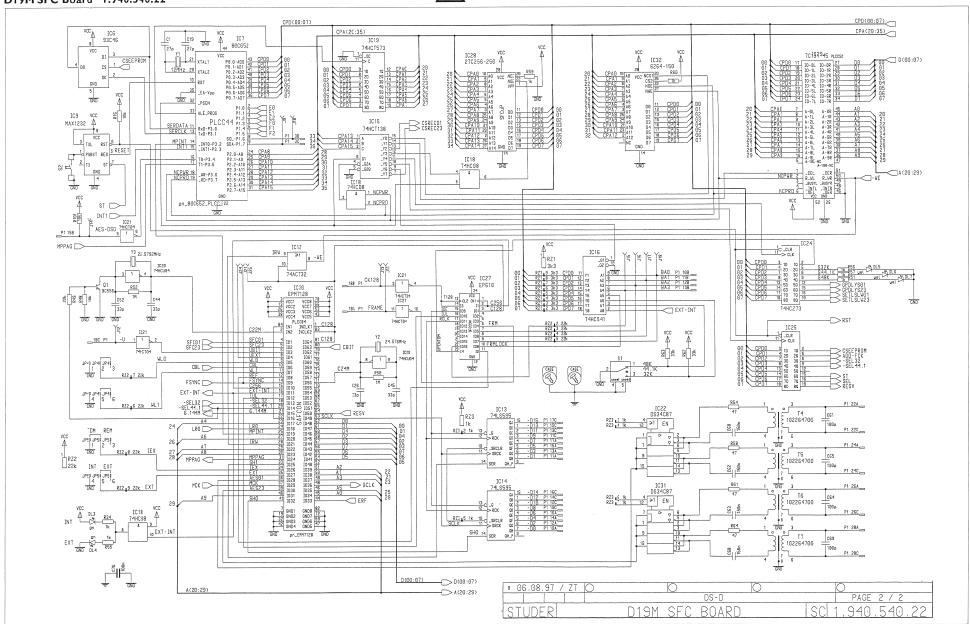
D19M SFC Board 1.940.540.22





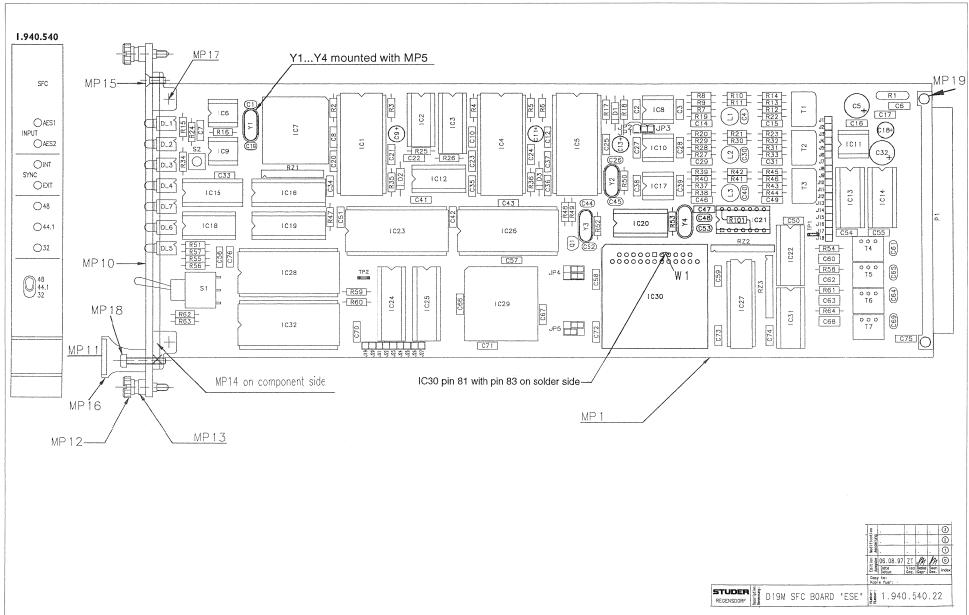


D19M SFC Board 1.940.540.22



DI9M SFC Board 1.940.540.22







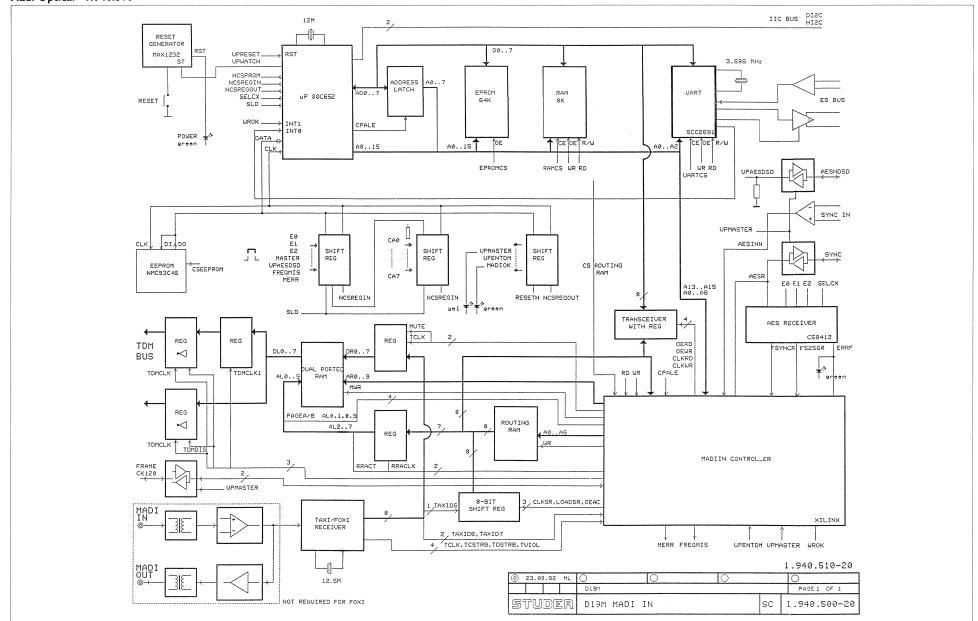
D19m SFC Board 1.940.540.23

dx. Pos.	Part No. Qty. Type/	al.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.34.2273 27p		CER 63V 5% N150	0 DL7	50 04 2752	vel	LED mit Halter, gelb	0 MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)	0 T5	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
2	59.34.2273 27p 59.06.0104 100n		PETP, 63V, 10%, RM5	0 DL7	00.04.2702	yei	LED INIC Haller, gelo	0 MP 15	49.02.0523 1 pce	M2 5*7	Senk-Schr, KS, Senkripp	0 T6	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
3	59.06.0104 100n 59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 1	50.13.0201	CS8411	AES/EBU Receiver	0 MP 16	49.02.0504 1 pce		Frontplatten-Griff	0 T7	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
								0 MP 17	21.53.0279 2 pcs	411	Z - SCHR, IS , ZN , M2.5 * 6	0 17	1.022.047.00	1.1.4	0011 01 1141 07120200
4	59.34.4101 100p		CER 63V, 5%, N750	0 IC 2	50.17.0000	74HCT00	IC 74 HCT 00 ., ,A	0 MP 18	21.53.0284 1 pce		Z - SCHR. IS , ZN , M2.5 * 16	0 TP 1	54.02.0320	1p	Flatoin, 2.8*0.8mm
5	59.22.4101 100u		EL 16V, 20%, RM5	0 IC3	50.17.1153	74HC153	IC 74 HC 153 ., ,A	0 MP 19	21.53.0284 1 pce 28.99.0119 2 pcs		Z - SCHR. IS , ZN , MZ.5 * 16 ROHRNIETE D 2.5*0.15* 9	0 TP 2	54.02.0320	1p 1p	Flatpin, 2.8*0.8mm Flatpin, 2.8*0.8mm
6	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 4	50.13.0201	CS8411	AES/EBU Receiver	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5"0.15" 9	0 172	54.02.0320	1p	Flatpin, 2.6 U.Smm
7	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 5	50.13.0202	CS8412	IC CS 8412-CP ,A	0 P1							SCHALTDRAHT SN D.O
8 3	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 6	50.14.2103	HY93C46S		0 P1	54.11.2009	96p	EU-R 3*32p	0 W 1	64.01.0106 3 mm		SCHALIDRAHI SN D
C 9	59.22.8109 1u		EL 50V, 20%, RM5	0 IC 7	50.63.0009	80C652	MPU 8bit								
C 10	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC8	50.11.1002	LM360	High speed Comparator	0 Q1	50.03.0407	BC550C	BC 550 C	0 XIC 7	53.03.2244	PLCC44p	PLCC-Socket 44p
C 11	59.22.8109 1u		EL 50V, 20%, RM5	0 IC9	50.11.0159	MAX1232	IC MAX 1232 CPA, DS 1232					0 XIC 13	53.03.0168	16p	DIL 0.3", löt, gerade
C 12	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 10	50.11.1002	LM360	High speed Comparator	0 R1	57.92.7053	1.6A	POLY- PTC, 30V	0 XIC 14	53.03.0168	16p	DIL 0.3", löt, gerade
C 13	59.22.8109 1u		EL 50V 20% RM5	0 IC 11	50.10.0124	MAX660	V-Converter +5.5V to -5.5V	0 R2	57.11.3823	82k	MF, 1%, 0207	0 XIC 22	53.03.0168	16p	DIL 0.3", löt, gerade
C 14	59.06.0103 10n		PETP, 63V, 10%, RM5	0 IC 12	50.17.7032	ACT32	74 ACT 32 .	0 R3	57.11.3470	47R	MF, 1%, 0207	0 XIC 27	53.03.0182	24p	DIL 0.3", löt, gerade
C 15	59.06.0104 100n		PETP. 63V. 10%. RM5	0 IC 13	50.06.0595	74LS595	IC SN 74 LS 595 N	0 R4	57.11.3823	82k	MF, 1%, 0207	0 XIC 28	53.03.0173	28p	DIL 0.6", löt, gerade
C 16	59.06.0103 10n		PETP, 63V, 10%, RM5	0 IC 14	50.06.0595	74LS595	IC SN 74 LS 595 N	0 R5	57.11.3470	47R	MF, 1%, 0207	0 XIC 29	53 03 2252	PLCC52b	PLCC-Socket 52p
C 17	59.06.01£4 100n		PETP. 63V. 10%, RM5	0 IC 15	50.17.0138	74HCT138	IC 74 HCT138 ., ,A	0 R8	57.11.3823	82k	MF, 1%, 0207	0 XIC 30	53.03.2284	PLCC84p	PLCC-Socket 84p
			EL 10V. 20%, RM5	0 10 16	50 17 1541	74HC541	IC 74 HC 541A	0 R7	57.11.3103	10k	MF, 1%, 0207	0 XIC 31	53.03.0168	16p	DIL 0.3", löt, gerade
C 18	59.22.3470 47u 59.34.2270 27p		CER 63V, 5%, N150	0 IC 17	50.11.1002	LM360	High speed Comparator	0 R8	57.11.3103	10k	MF, 1%, 0207				
C 19				0 IC17	50.17.1002	74HC08	IC 74 HC 08 A	0 R9	57.11.3103	10k	MF, 1%, 0207	0 Y1	89 01 1014	12 000MHz	12,000 000 MHz, HC 49/U
C 20	59.06.01(3 10n		PETP, 63V, 10%, RM5			74HCT573	IC 74 HCT573 ., ,A	0 R 10	57.11.3471	470R	MF. 1%, 0207	0 Y2	89.01.1010	24.576MHz	24.576 000 MHz, HC 18/U
C 21	59.06.0473 47n		PETP, 63V, 10%, RM5	0 IC 19	50.17.0573			0 R 10	not used	470R	MF. 1%, 0207				22.579 200 MHz, HC 49/U
C 22	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 20	50.17.1904	74HCU04	IC 74 HCU 04 ., ,A	0 R11	57.11.3150	470R 15R	MF, 1%, 0207 MF, 1%, 0207	0 Y3	89.01.1012	22.5792MHz 16.000MHz	
C 23	59.06.0103 10n		PETP, 63V, 10%, RM5	0 IC 21	50.17.0004	74HCT04	IG 74 HCT 04 ., ,A		57.11.3150 57.11.3150	15R 15R		0 Y4	89.01.1009	io.uuuwiHz	10.000 000 NIPZ, HC 49/0
C 24	59.06.0473 47n		PETP, 63V, 10%, RM5	0 IC 22	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,A	0 R 13			MF, 1%, 0207				
C 25	59.06.0473 47n		PETP, 63V, 10%, RM5	0 IC 23	50.13.0204		IC AD 1890 JN ,A	0 R 14	57.11.3271	270R	MF, 1%, 0207	-		End of List -	
C 26	59.34.2330 33p		CER 63V, 5%, N150	0 IC 24	50.17.1273	74HC273	IC 74 HC 273 ., ,A	0 R 15	57.11.3102	1k0	MF, 1%, 0207	Comments:			
C 27	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 25	50.17.1273	74HC273	IC 74 HC 273 ., ,A	0 R 16	57.11.3103	10k	MF, 1%, 0207		annahand dan 10 Mi	nors borthol-4	
C 28	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 26	50.13.0204		IC AD 1830 JN ,A	0 R 17	57.11.3102	1k0	MF, 1%, 0207	IC Sockel XIC nn ent	sprechend den IC Numn	en pestuckt	
C 29	59.06.0103 10n		PETP. 63V. 10%, RM5	0 IC 27	1,940,951.21		SW 540 SFCCON (50.18.0104)	0 R 18	57.11.3470	47R	MF, 1%, 0207				
C 30	59.34.4101 100p		CER 63V, 5%, N750	0 10 29	1.940.952.21		SW 540 SFCUP (50.14.2004)	0 R 19	57.11.3103	10k	MF, 1%, 0207				
C 30	59.34.4101 100p 59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 29	50.63.1702	CY7C130	Dualport SRAM, 1K*8	0 R 20	57.11.3103	10k	MF, 1%, 0207				
	59.06.0104 100n 59.22.4101 100u		PETP, 63V, 10%, RM5 EL 16V, 20%, RM5	0 IC 30	1.940.950.23	31,0,00	SW 540 SAECON (50.63.4205)	0 R 21	57.11.3471	470R	MF, 1%, 0207				
C 32				0 IC 31	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,A	0 R 22	57.11.3271	270R	MF. 1%. 0207				
C 33	59.06.0104 100n		PETP, 63V, 10%, RM5			5565	IC HM 6264LP-15 .A	0 R 23	57.11.3271	270R	MF. 1% 0207				
C 34	59.06.0103 10n		PETP, 63V, 10%, RM5	0 IC 32	50.14.0133	3300	IC HM 0204LP-15 ,A	0 R 24	57.11.3102	1k0	MF, 1%, 0207				
C 35	59.06.0103 10n		PETP, 63V, 10%, RM5					0 R 25	57.11.3332	3k3	MF. 1%, 0207				
C 36	59.06.0103 10n		PETP, 63V, 10%, RM5	0 J1	53.03.0219	1p	single-in-Ine	0 R 26	57.11.3332	3k3	MF. 1%, 0207				
C 37	59.06.0103 10n		PETP, 63V, 10%, RM5	0 J2	53.03.0219	1p	single-in-lne								
C 38	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J3	53.03.0219	1p	single-in-lne	0 R 27	57.11.3103	10k	MF, 1%, 0207				
C 39	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J4	53.03.0219	1p	single-in-line	0 R 28	57.11.3103	10k	MF, 1%, 0207				
C 40	59.34.4101 100p		CER 63V, 5%, N750	0 J5	53.03.0219	1p	single-in-line	0 R 29	57.11.3103	10k	MF, 1%, 0207				
C 41	59.06.0104 100n		PETP. 63V. 10%. RM5	0 16	53.03.0219	1p	single-in-line	0 R 30	not used	470R	MF, 1%, 0207				
C 42	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J7	53,03,0219	1p	single-in-line	0 R 31	57.11.3150	15R	MF, 1%, 0207				
C 43	59.06.0104 100n		PETP, 63V, 10%, RM5	8 L 0	53.03.0219	1p	single-in-line	0 R 32	57.11.3150	15R	MF, 1%, 0207				
) C43	59.34.2330 33p		CER 63V. 5%. N150	0 19	53.03.0219	10	single-in-line	0 R 33	57.11.3271	270R	MF. 1%, 0207				
C 44			CER 63V, 5%, N150	0 J10	53.03.0219	1p	single-in-line	0 R 34	57.11.3102	1k0	MF. 1%, 0207				
				0 J10	53.03.0219	1p	single-in-line	0 R 35	57.11.3102	1k0	MF. 1%, 0207				
C 46	59.06.0103 10n		PETP, 63V, 10%, RM5			1p 1p	single-in-ine	0 R 36	57.11.3102	1k0	MF. 1%, 0207				
C 47	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J 12	53.03.0219		single-in-line	0 R 37	57.11.3103	10k	MF, 1%, 0207				
C 48	59.34.2330 33p		CER 63V, 5%, N150	0 J 13	53.03.0219	1p		0 R38	57.11.3103	10k	MF. 1% 0207				
C 49	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J 14	53.03.0219	1p	single-in-line	0 R39	57,11,3103		MF, 1%, 0207				
C 50	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J 15	53.03.0219	1p	single-in-line			10k					
C 51	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J 16	53.03.0219	1p	single-in-Ine	0 R 40	57.11.3103	10k	MF, 1%, 0207				
C 52	59.34.2330 33p		CER 63V, 5%, N150	0 J 17	53.03.0219	1p	single-in-line	0 R 41	not used	470R	MF, 1%, 0207				
C 53	59.34.2330 33p		CER 63V, 5%, N150	0 J18	53.03.0219	1p	single-in-ine	0 R 42	57.11.3471	470R	MF, 1%, 0207				
C 54	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J19	53.03.0219	1p	single-in-line	0 R 43	57.11.3150	15R	MF, 1%, 0207				
C 55	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J 20	53.03.0219		single-in-line	0 R 44	57.11.3271	270R	MF, 1%, 0207				
C 56	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J 21	53.03.0219		single-in-line	0 R 45	57.11.3271	270R	MF, 1%, 0207				
C 56	59.08.0104 100n		PETP, 63V, 10%, RM5	0 J22	53.03.0219		single-in-line	0 R 46	57.11.3150	15R	MF, 1%, 0207				
	59.06.0104 100n 59.06.0104 100n		PETP, 63V, 10%, RM5	0 J22	53.03.0219		single-in-line	0 R 47	57.11.3472	4k7	MF. 1%. 0207				
C 58				0 J23 0 J24	53.03.0219		single-in-line single-in-line	0 R 48	57.11.3103	10k	MF, 1%, 0207				
C 59	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J24 0 J25	53.03.0219		single-in-line	0 R49	57.11.3223	22k	MF, 1%, 0207				
C 60	59.06.0154 150n		PETP, 63V, 10%, RM5					0 R 50	57.11.3223	1M0	MF. 1% 0207				
C 61	59.34.4101 100p		CER 63V, 5%, N750	0 J 26	53.03.0219		single-in-line	0 R 50	57.11.3105	1k0	MF. 1%, 0207				
C 62	59.06.0154 150n		PETP, 63V, 10%, RM5	0 J 27	53.03.0219		single-in-line 0.63 * 0.63mm	0 R51	57.11.3102 57.11.3105	1M0	MF. 1%, 0207				
C 63	59.06.0154 150n		PETP, 63V, 10%, RM5	0 J 28	54.01.0021	Jumper				1M0 1M0					
C 64	59.34.4101 100p		CER 63V, 5%, N750	0 J29	54.01.0021	Jumper	0.63 * 0.63mm	0 R 53	57.11.3105		MF, 1%, 0207				
C 65	59.34.4101 100p		CER 63V, 5%, N750	0 J 30	54.01.0021	umper	0.63 * 0.63mm	0 R 54	57.11.3470	47R	MF, 1%, 0207				
C 66	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J31	54.01.0021	Jumper	0.63 * 0.63mm	0 R 55	57.11.3102	1k0	MF, 1%, 0207				
C 67	59.06.0104 100n		PETP, 63V, 10%, RM5	0 J32	54.01.0021	Jumper	0.63 * 0.63mm	0 R 56	57.11.3102	1k0	MF, 1%, 0207				
C 68	59.08.0154 150n		PETP, 63V, 10%, RM5					0 R 57	57.11.3102	1k0	MF, 1%, 0207				
C 69	59.34.4101 1000		CER 63V, 5%, N750	0 JP1	54.01.0020	'p	Pin 0.63*0.63	0 R 58	57.11.3470	47R	MF, 1%, 0207				
C 70	59.06.0104 100p		PETP. 63V. 10%, RM6	0 JP2	54.01.0020	1p	Pin 0.63*0.63	0 R 59	57.11.3102	1k0	MF, 1%, 0207				
C 70			PETP, 63V, 10%, RM5	0 JP3	54.01.0020	10	Pin 0.63*0.63	0 R 60	57,11,3102	1k0	MF, 1%, 0207				
				0 JP4	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54	0 R 61	57.11.3470	47R	MF, 1%, 0207				
C 72	59.06.0104 100r		PETP, 63V, 10%, RM5				Pin 0.63*0.63, RM2.54	0 R62	57.11.3333	33k	MF, 1%, 0207				
C 73	59.06.0104 100n		PETP, 63V, 10%, RM5	0 JP 5	54.11.0136	2*3p	FIII 0.05 0.03, RWZ.04	0 R 62	57.11.3333	33k	MF. 1%, 0207				
C 74	59.06.0104 100r		PETP, 63V, 10%, RM5				400V			47R	MF. 1%, 0207				
C 75	59.06.0104 100r		PETP, 63V, 10%, RM5	0 L1	62.02.3220	22uH	10%, radial RM 5	0 R 64	57.11.3470						
C 76	59.06.0104 100r		PETP, 63V, 10%, RM5	0 L2	62.02.3220	22uH	10%, radial RM 5	0 R 101	57.11.3103	10k	MF, 1%, 0207				
				0 L3	62.02.3220	22uH	10%, radial RM 5								
D1	50.04.0134 1N3	95	D 1N 3595. FDH 300.					0 RZ 1	57.88.4332	8*3k3	2%, SIP 9				
D 2	50.04.0134 1N3		D 1N 3595, FDH 300,	0 MP 1	1.940.540.11		D19M SFC PCB	0 RZ 2	57.88.4223	8*22k	2%, SIP 9				
				0 MP2	1.010.057.43		Bauggipranschild	0 RZ3	57,88,4102	8*1k	2%, SIP 9				
D 3	50.04.0134 1N3	100	D 1N 3595, FDH 300,		43.01.0108	Label	ESE-WARNSCHILD	- 1420			•				
						caper		0 S1	55 11 0203	SPST	Toggle on - off - on				
DL 1	50.04.2751 gm		LED mit Halter, grün	0 MP 4	1.101.001.22		TEXT-ETIK, 5*20 HARDWARE -22				S 1 TASTE, 1*A,IMPULS,1.0 N				
DL 2	50.04.2751 gm		LED mit Halter, grün	0 MP 5	89.01.1499 4 pc		QUARZ - ISOLIERPLATTE	0 S2	55.15.0138	1*A	S TIASTE, TAJIMPULS, TUN				
DL 3	50.04.2751 grn		LED mit Halter, grün	0 MP 10	1.940.540.01 1 pc		FRONTPLATTE								
DL 4	50.04.2751 grn		LED mit Halter, grün	0 MP 11	1.940.600.04 1 pc		GRIFFEINLAGE 4TE	0 T1	63.15.0001		IMPULSTRANSFORMATOR				
	50.04.2752 vel		LED mit Halter, gelb	0 MP 12	49.02.0520 2 pc		Rändelschraube (Rack)	0 T2	63.15.0001		IMPULSTRANSFORMATOR				
DL 5															
0 DL5 0 DL6	50.04.2752 yel		LED mit Halter, gelb	0 MP 13	49.02.0521 2 pc	S	Metall-Buchse (Rack)	0 T3 0 T4	63.15.0001 1.022.647.00	1:1.4	IMPULSTRANSFORMATOR OUTPUT TRAFO AES/EBU				

Block Diagram

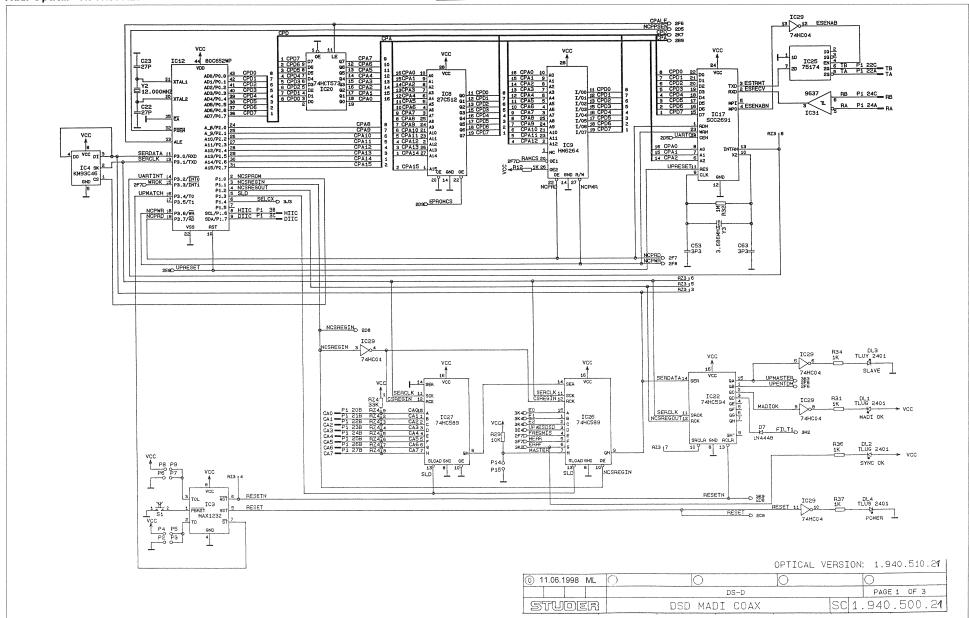
DI9M Madi Coaxial 1.940.500

Madi Optical 1.940.510

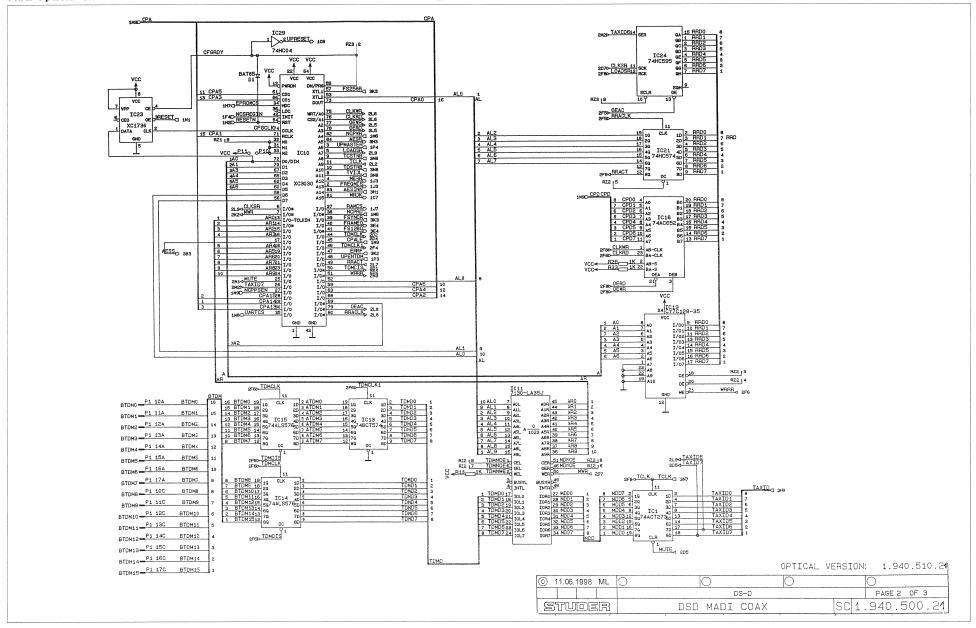




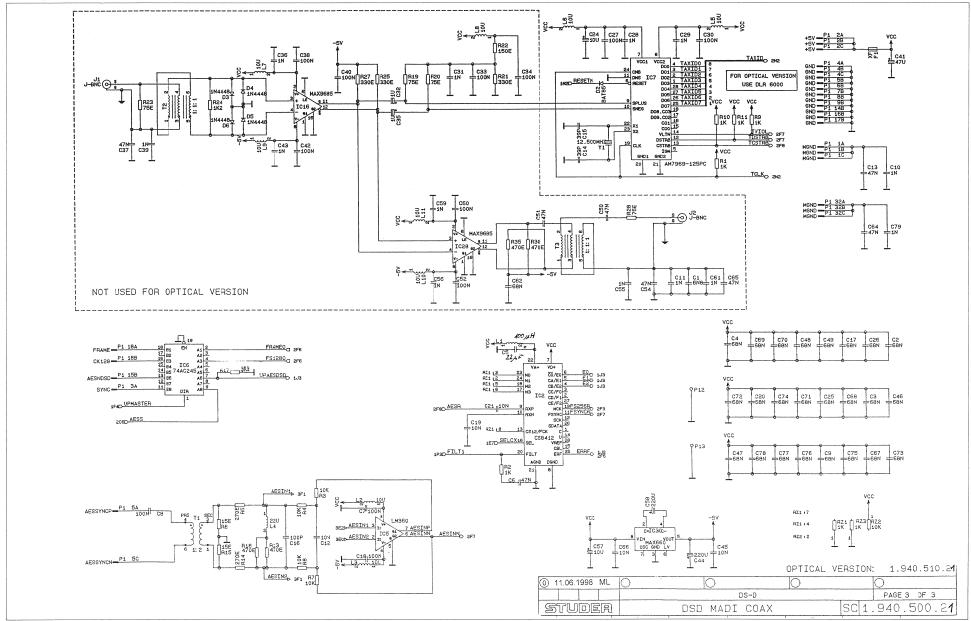




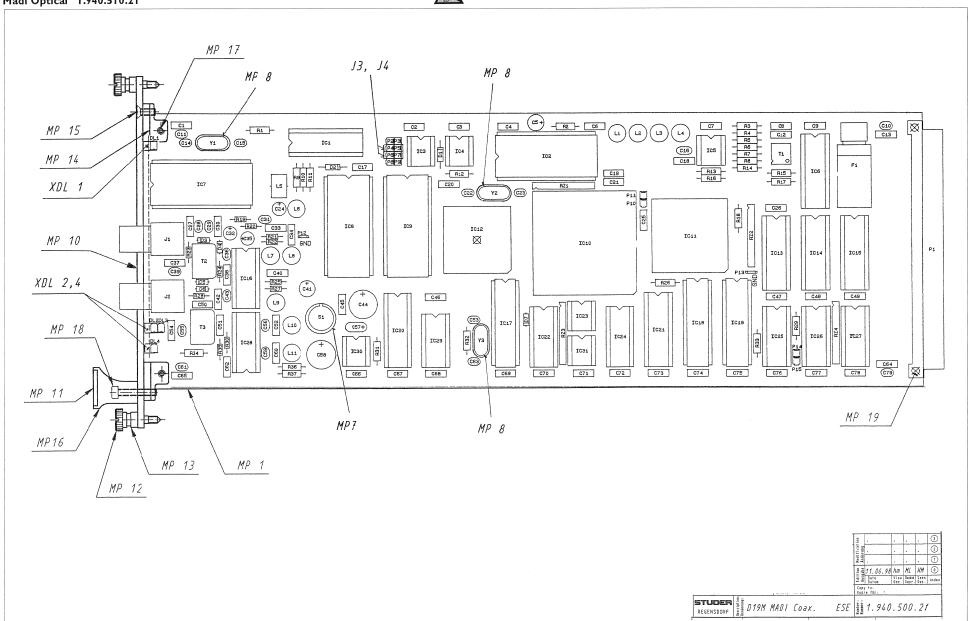
















D19M Madi Coaxial 1.940.500.21

4^	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No. Qty.	Type/Val.	Description
0	C 1	59.06.0682	6n8	PETP, 63V, 10%, RM5	0	D 4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0	C 2	59.06.0683	68n	PETP, 63V, 10%, RM5	0	D 5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0	C 3	59.06.0683	68n	PETP, 63V, 10%, RM5	0	D 6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	C 4	59.06.0683	68n	PETP, 63V, 10%, RM5	0	D 7	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	C 5	59.22.5220	22u	EL 25V 20% RM5		D. 4	50.04.0000	10.10.4700	DI 1114D 4700 ON
)	C 6	59.06.0473	47n	PETP, 63V, 10%, RM5	0	DL 1	50.04.2202	HLMP1790	DL HLMP - 1790 GN
)	C 7	59.06.0104	100n	PETP, 63V, 10%, RM5	0	DL 2	50.04.2202	HLMP1790	DL HLMP - 1790 GN
	C 8	59.06.0104	100n	PETP, 63V, 10%, RM5	0	DL 3	50.04.2201	HLMP1719	DL HLMP - 1719 GB
	C 9	59.06.0683	68n	PETP, 63V, 10%, RM5	0	DL 4	50.04.2202	HLMP1790	DL HLMP - 1790 GN
	C 10	59.32.4102	1n	C 1000 P, 20%, 50V, CER	0	F 1	E4 04 0440	1.64	T 5*20 250\/
	C 11	59.32.4102	1n	C 1000 P , 20%, 50V , CER	U	гі	51.01.0119	1.6A	T 5*20 L 250V
			10n	PETP, 63V, 10%, RM5	0	IC 1	50.17.7273	ACT273	74 ACT 273 .
	C 12	59.06.0103			0	IC 2	50.13.0202	CS8412	
	C 13	59.06.0473	47n	PETP, 63V, 10%, RM5					
	C 14	59.34.2390	39p	CER 63V, 5%, N150	0	IC 3	50.11.0159	MAX1232	IC MAX 1232 CPA, DS 1232
	C 15	59,34.2390	39p	CER 63V, 5%, N150	0	IC 4	50.14.2103	93C46	EEPROM 64 * 16, serial
	C 16	59.34.4101	100p	CER 63V, 5%, N750	0	IC 5	50.11.1002	LM360	High speed Comparator
	C 17	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 6	50.06.0245	74LS245	SN 74 LS 245 N
	C 18	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 7	50.16.0702	AM7969-12	5 TAXI Receiver
	C 19	59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 8	1.940.940.20		SW 500 MADI (50.14.2002)
	C 20	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 9	50.14.0133	5565	IC HM 6264LP-15 ,A
	C 21	59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 10	50.63.4002	XC3030A-7	LCA 3000 / 3000 PLCC84
	C 22	59.34.2270	27p	CER 63V, 5%, N150	0	IC 11	50.63.1702	CY7C130	Dualport SRAM, 1K*8
	C 23	59.34.2270	27p	CER 63V, 5%, N150	0	IC 12	50.63.0009	80C652	MPU 8bit
	C 24	59.22.6100	10u	EL 35V 20% RM5	0	IC 13	50.17.0574	74HCT574	IC 74 HCT574 ., ,A
	C 25	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 14	50.06.1576	74ALS576	Octal D-Type FF, tri
	C 26	59.06.0683	68n	PETP, 63V, 10%, RM5	ō	IC 15	50.06.1576	74ALS576	Octal D-Type FF, tri
			100n		ō	IC 16	50.11.0156	MAX9685	ECL Comparator, latching
	C 27	59.06.0104		PETP, 63V, 10%, RM5	0	IC 17	50.16.0201	SCC2691	IC SCC 2691 AE 1 N 24 ,A
	C 28	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	IC 17	50.17.5652	74AC652	
	C 29	59.32.4102	1n	C 1000 P, 20%, 50V, CER	0				Octal Bus Reg/Transceiver
	C 30	59.06.0104	100n	PETP, 63V, 10%, RM5		IC 19	50.14.1009	7C128A	SRAM 2K*8 35ns
	C 31	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	IC 20	50.17.0573	74HCT573	IC 74 HCT573 ., ,A
	C 32	59.30.6109	1u	TA, 20%, 35V	0	IC 21	50.17.1574	74HC574	IC 74 HC 574 ., ,A
	C 33	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 22	50.17.1594	74HC594	IC 74 HC 594 ., ,A
	C 34	59,06.0104	100n	PETP, 63V, 10%, RM5	0	IC 23	1.940.941.21		SW 500 MADIIN (50.14.1501)
	C 35	59.30.6109	1u	TA, 20%, 35V	0	IC 24	50.17.1595	74HC595	IC 74 HC 595 ., ,A
	C 36	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	IC 25	50.15.0121	75174	IC SN 75174 N
	C 37	59.06.0473	47n	PETP, 63V, 10%, RM5	0	IC 26	50.17.1589	74HC589	MC 74 HC 589 N
	C 38	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 27	50.17.1589	74HC589	MC 74 HC 589 N
	C 39	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	IC 28	50.11.0156	MAX9685	ECL Comparator, latching
		59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 29	50.17.1004	74HC04	IC 74 HC 04 ., ,A
	C 40				0	IC 30	50.10.0124	MAX660	V-Converter +5.5V to -5.5V
	C 41	59.22.3470	47u	EL 10V 20% RM5	0	IC 31	50.15.0114	9637	Dual diff Line Receiver
	C 42	59.06.0104	100n	PETP, 63V, 10%, RM5	u	10 31	30.13.0114	3037	Dual dill Ellie Receiver
	C 43	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	J 1	54.21.2031	BNC	J 1 POL PRINT/WINKEL BNC
	C 44	59.22.4221	220u	EL 16V 20% RM5	0	J 2	54.21.2031	BNC	J 1 POL PRINT/WINKEL BNC
	C 45	59.06.0103	10n	PETP, 63V, 10%, RM5	0	J 3	54.01.0021	Jumper	0.63 * 0.63mm
	C 46	59.06.0683	68n	PETP, 63V, 10%, RM5	0	J 4	54.01.0021	Jumper	0.63 * 0.63mm
	C 47	59.06.0683	68n	PETP, 63V, 10%, RM5	•	• •	01.01.0021	dampor	0.00 0.0011111
	C 48	59.06.0683	68n	PETP, 63V, 10%, RM5	0	L 1	62.02.3101	100uH	10%, radial RM 5
	C 49	59.06.0683	68n	PETP, 63V, 10%, RM5	0	L 2	62.02.3100	10uH	10%, radial RM 5
	C 50	59.06.0473	47n	PETP, 63V, 10%, RM5	0	L 3	62.02.3100	10uH	10%, radial RM 5
	C 51	59.06.0473	47n	PETP, 63V, 10%, RM5	0	L 4	62.02.3220	22uH	10%, radial RM 5
	C 52	59.06.0104	100n	PETP, 63V, 10%, RM5		L 5	62.03.0001	10uH	1A Toroid Chocke
	C 52	59.34.0339	3p3	CER 63V, 5%, P100		L 6	62.02.3100	10uH	10%, radial RM 5
	C 54	59.06.0473	47n	PETP, 63V, 10%, RM5		L 7	62.02.3100	10uH	10%, radial RM 5
	C 55	59.32.4102	1n	C 1000 P, 20%, 50V, CER		L8	62.02.3100	10uH	10%, radial RM 5
	C 56		111 1n	C 1000 P, 20%, 50V, CER		L9	62.02.3100	10uH	10%, radial RM 5
		59.32.4102	10u	EL 35V 20% RM5		L 10	62.02.3100	10uH	10%, radial RM 5
	C 57	59.22.6100				L 11	62.02.3100	10uH	10%, radial RM 5
	C 58	59.22.4221	220u	EL 16V 20% RM5 C 1000 P , 20%, 50V , CER				, Jul 1	
	C 59	59.32.4102	1n			MP 1	1.940.500.11		D19M MADI PCB
	C 60	59.06.0104	100n	PETP, 63V, 10%, RM5		MP 2	1.010.057.43		Baugruppenschild
	C 61	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	MP 3	43.01.0108	Label	ESE-WARNSCHILD
	C 62	59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 5	1.010.117.51		TEXT-ETIK. 5*20 (T1.60A)
	C 63	59.34.0339	3p3	CER 63V, 5%, P100					
	C 64	59.06.0473	47n	PETP, 63V, 10%, RM5	0	MP 7	1.010.015.50	Spacer	Isolierscheibe
	C 65	59.06.0473	47n	PETP, 63V, 10%, RM5		MP 8	89.01.1499 3 pcs		QUARZ - ISOLIERPLATTE
	C 66	59.06.0103	10n	PETP, 63V, 10%, RM5		MP 10	1.940.500.01 1 pce		FRONTPLATTE
	C 67	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE
	C 68	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
	C 69	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 13	49.02.0521 2 pcs	·- <u>-</u>	Metall-Buchse (Rack)
	C 70	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)
	C 71	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
	C 72	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 16	49.02.0504 1 pce	ATE	Frontplatten-Griff
	C 73	59.06.0683	68n	PETP, 63V, 10%, RM5					
	C 74	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 17	21.53.0279 2 pcs	M2.5*6 M2.5*16	Z-Schraube Inbus Zn gb chr
	C 75	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
	C 76	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
					0	MP 20	1.101.001.21 1 pce		TEXT-ETIK. 5*20 HARDWARE -:
	C 77	59.06.0683	68n	PETP, 63V, 10%, RM5	0	P 1	54.11.2009	96p	EU-R 3*32p
	C 78	59.06.0683	68n	PETP, 63V, 10%, RM5		P1 P2			
	C 79	59.32.4102	1n	C 1000 P, 20%, 50V, CER			54.01.0020	1p	Pin 0.63*0.63
					()	P 3	54.01.0020	1p	Pin 0.63*0.63
		50 04 0127	BAT85	200mA Schottky				4	D:- 0.00+0.00
	D 1 D 2	50.04.0127 50.04.0127	BAT85 BAT85	200mA, Schottky 200mA, Schottky	0	P 4 P 5	54.01.0020 54.01.0020	1p 1p	Pin 0.63*0.63 Pin 0.63*0.63



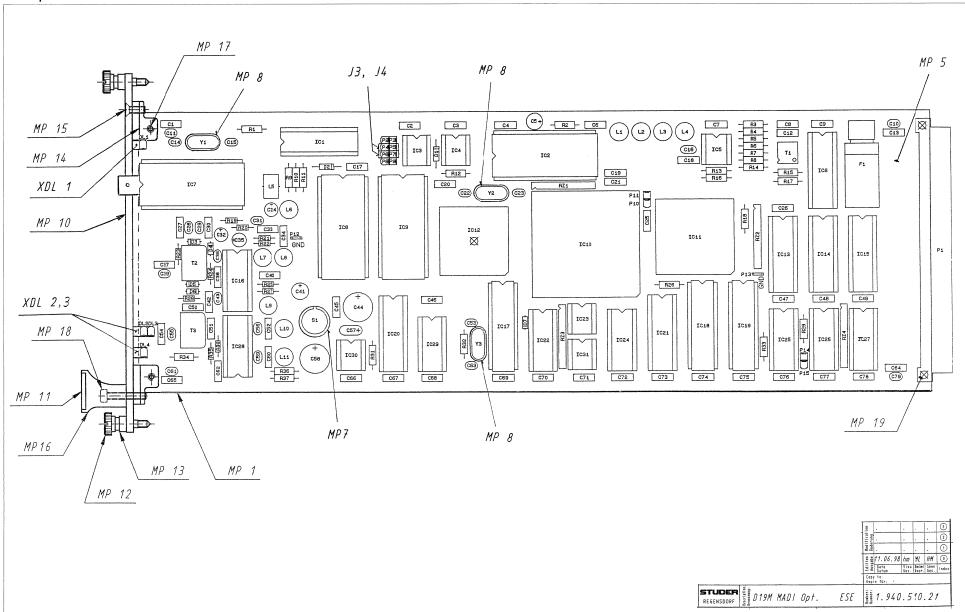


D19M Madi Coaxial 1.940.500.21

	Pos.	Part No. Qty	. Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
)	P 7	54.01.0020	1p	Pin 0.63*0.63	0	XIC 25	53.03.0168		16p	DIL 0.3", löt, gerade
	P 8	54.01.0020	1p	Pin 0.63*0.63	0	XIC 31	53.03.0166		8p	DIL 0.3", löt, gerade
	P 9	54.01.0020	1p	Pin 0.63*0.63	0	Y 1	89.01.1013		12 500MHz	XTAL HC 49/U
	P 10	54.01.0020	1p	Pin 0.63*0.63	0	Y 2	89.01.1014			XTAL HC 49/U
	P 11	54.01.0020	1p	Pin 0 63*0 63	Ū	Y 3	89.01.1002			XTAL HC 18 U
	P 12	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade	·	1 3	03.01.1002		3.0004WII IZ	XIAL HO 100
	P 13	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade						
	P 14	54.01.0020	1p	Pin 0.63*0.63					End of Li	st
	P 15	54.01.0020	1p	Pin 0.63*0.63	Co	mments				
		• 110 1100=				nübernahm	e			
	R 1	57.11.3102	1k0	MF, 1%, 0207						
	R 2	57.11.3102	1k0	MF, 1%, 0207						
	R 3	57.11.3103	10k	MF, 1%, 0207						
	R 4	57.11.3103	10k	MF, 1%, 0207						
	R 5	57.11.3271	270R	MF, 1%, 0207						
	R6	57.11.3150	15R	MF, 1%, 0207						
	R7	57.11.3103	10k	MF, 1%, 0207						
	R8	57.11.3103	10k	MF, 1%, 0207						
	R9	57.11.3102	1k0	MF, 1%, 0207						
	R 10	57.11.3102	1k0	MF, 1%, 0207						
			1k0	MF, 1%, 0207						
	R 11	57.11.3102								
	R 12	57.11.3102	1k0	MF, 1%, 0207						
	R 13	57.11.3471	470R	MF, 1%, 0207						
	R 14	57.11.3271	270R	MF, 1%, 0207						
	R 15	57.11.3150	15R	MF, 1%, 0207						
	R 16	not used	470R	MF, 1%, 0207						
	R 17	57.11.3332	3k3	MF, 1%, 0207						
	R 18	57.11.3102	1k0	MF, 1%, 0207						
	R 19	57.10.1750	75R	MF, 1%, 0204						
	R 20	57.10.1750	75R	MF, 1%, 0204						
	R 21	57.10.1331	330R	MF, 1%, 0204						
	R 22	57.11.3151	150R	MF, 1%, 0207						
	R 23	57.10.1750	75R	MF, 1%, 0204						
	R 24	57.10.1122	1k2	MF, 1%, 0204						
	R 25	57.10.1331	330R	MF, 1%, 0204						
	R 26	57.11.3102	1k0	MF, 1%, 0207						
	R 27	57.10.1331	330R	MF, 1%, 0204						
	R 28	57.10.1750	75R	MF, 1%, 0204						
	R 29	57.11.3103	10k	MF, 1%, 0207						
	R 30	57.10.1471	470R	MF, 1%, 0204						
	R 31	57.11.3102	1k0	MF, 1%, 0207						
	R 32	57.11.3105	1M0	MF, 1%, 0207						
	R 33	57.11.3103	1k0	MF, 1%, 0207						
	R 34	57.11.3102	1k0	MF, 1%, 0207 MF, 1%, 0207						
	R 35	57.10.1471	470R	MF, 1%, 0204						
	R 36	57.11.3102	1k0	MF, 1%, 0207						
	R 37	57.11.3102	1k0	MF, 1%, 0207						
	RZ 1	57.88,4102	1k0	8*R Resistor-Netw 2% SIP9						
	RZ 2	57.88.4102	1k0	8*R Resistor-Netw 2% SIP9						
	RZ 3	57.88,4103	10k	8*R Resistor-Netw 2% SIP9						
	RZ 4	57.88.4333	33k	8*R Resistor-Netw 2% SIP9						
	7	31,00.4000	-511	110010101 110101 E70 OH O						
	S 1	55.03.0122	1*a	S 1 TASTE, 1*A, PRINT, IMPULS						
	- ·	00.45.0004		DE Tenfo						
	T 1	63.15.0021		RF - Trafo						
	T 2	63.15.0001		IMPULSTRANSFORMATOR						
	Т3	63.15.0001		IMPULSTRANSFORMATOR						
	XDL 1	50.20.2501	Spacer	LED-Sockel						
	XDL 2	50.20.2501	Spacer	LED-Sockel						
	XDL 3	50.20,2501	Spacer	LED-Sockel						
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	30,20,2001	Chaooi							
	XF 1	53.03.0118		XF 5 * 20, PRINT-LIEGEND						
	VIO C	E2 02 0470	20-	Du 0.4" list gorod-						
	XIC 8	53.03.0173	28p	DIL 0.6", löt, gerade						
	XIC 10	53.03.2284	84p	PLCC-Socket						
	XIC 11	53.03.2252	52p	PLCC-Socket						
	XIC 12	53.03.2244	44p	PLCC-Socket						
	XIC 14	53.03.0165	20p	DIL 0.3", löt, gerade						
	XIC 15	53.03.0165	20p	DIL 0.3", löt, gerade						
	XIC 23	53.03.0166	8p	DIL 0.3", löt, gerade						

Madi Optical 1.940.510.21







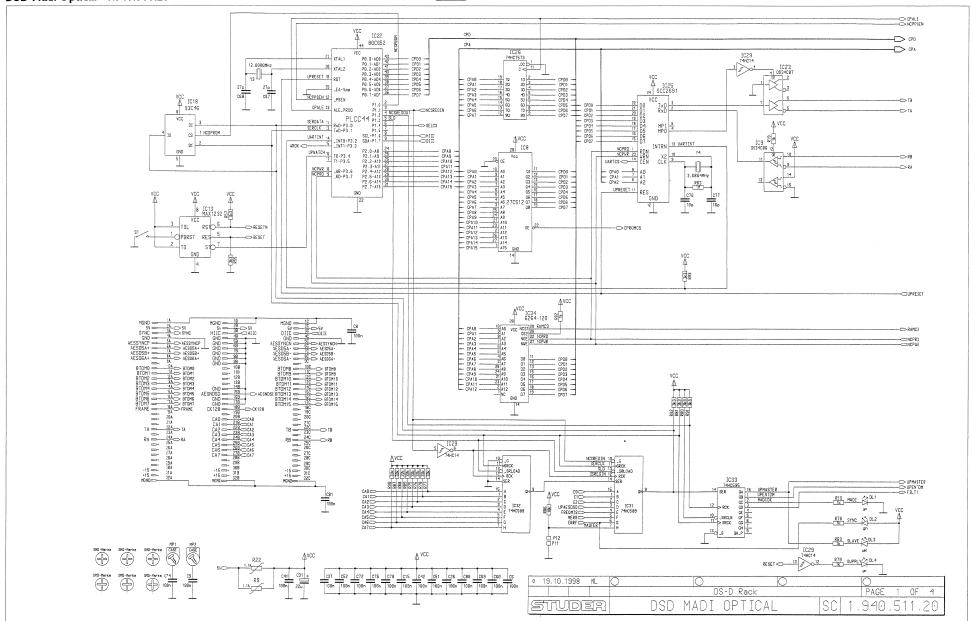
Madi Optical 1.940.510.21

ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No. Qty.	Type/\	al. Description	ld	x P	os.	Part No.	Qty.	Type/Val.	Description
C 1	not used	6n8	PETP, 63V, 10%, RM5	0	D 1	50.04.0127	BAT85	200mA, Schottky		P		54.11.2009		96p	EU-R 3*32p
C 2	59.06.0683	68n	PETP, 63V, 10%, RM5	0	D 2	50.04.0127	BAT85	200mA, Schottky	C			54.01.0020		1p	Pin 0.63*0.63
C 3	59,06,0683	68n	PETP, 63V, 10%, RM5	0	D 3	not used	1N4448	75V, 150mA, 4ns, DO-35	0			54.01.0020		1p	Pin 0.63*0.63
C 4	59.06.0683	68n	PETP, 63V, 10%, RM5	0	D 4	not used	1N4448	75V, 150mA, 4ns, DO-35) P		54.01.0020		1p	Pin 0.63*0.63
C 5	59.22.5220	22u	EL 25V 20% RM5	0	D 5	not used	1N4448	75V, 150mA, 4ns, DO-35	0			54.01.0020		1p	Pin 0.63*0.63
C 6	59.06.0473	47n	PETP, 63V, 10%, RM5	0	D 6	not used	1N4448	75V, 150mA, 4ns, DO-35	0) P	6	54.01.0020		1p	Pin 0.63*0.63
C 7	59.06.0104	100n	PETP. 63V. 10%, RM5	0	D 7	50.04.0125	1N4448	75V. 150mA. 4ns. DO-35	0) P	7	54.01.0020		1p	Pin 0.63*0.63
C.8	59 06 0104	100n	PETP, 63V, 10%, RM5					,,	0) P	8	54.01.0020		1p	Pin 0.63*0.63
C 9	59.06.0683	68n	PETP, 63V, 10%, RM5	0	DL 1	50.04.2202		'90 DL HLMP - 1790 GN	0) P	9	54.01.0020		1p	Pin 0.63*0.63
C 10	59 32 4102	10	C 1000 P . 20% . 50V . CER	0	DL 2	50.04.2202	HLMP1	'90 DL HLMP - 1790 GN	0) P	10	54.01.0020		1p	Pin 0.63*0.63
C 11	not used	1n	C 1000 P . 20%. 50V . CER	0	DL 3	50.04.2201	HLMP1	19 DL HLMP - 1719 GB	a) Р	11	54.01.0020		1p	Pin 0.63*0.63
	59.06.0103	10n	PETP, 63V, 10%, RM5	0	DL 4	50.04.2202	HLMP1	90 DL HLMP - 1790 GN	ā			54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
C 12 C 13	59.06.0103	47n	PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5						ď			54.02.0320		10	PCB-Flachst 2.8*0.8. gerade
				0	F 1	51.01.0119	1.64	T 5*20 L 250V	o o			54.01.0020		1p	Pin 0.63*0.63
C 14	59.34.2390	39p	CER 63V, 5%, N150	_		50.17.7273	ACT27	74 ACT 273 .	o o			54.01.0020		1p	Pin 0.63*0.63
C 15	59.34.2390	39p	CER 63V, 5%, N150		IC 1				·	, ,	15	34.01.0020		TP.	Fill 0.03 0.03
C 16	59.34.4101	100p	CER 63V, 5%, N750		IC 2	50.13.0202	CS8412	IC CS 8412-CP ,A	0	R	1	57.11.3102		1k0	MF, 1%, 0207
C 17	59.06.0683	68n	PETP, 63V, 10%, RM5		IC 3	50.11.0159	MAX12		o o	R	2	57.11.3102		1k0	MF. 1%, 0207
C 18	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 4	50.14.2103	93C46	EEPROM 64 * 16, serial	0			57.11.3103		10k	MF. 1%, 0207
C 19	59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 5	50.11.1002	LM360	High speed Comparator	o o			57.11.3103		10k	MF, 1%, 0207
C 20	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 6	50.03.0245	74LS24	SN 74 LS 245 N	0			57.11.3103		270R	MF, 1%, 0207
C 21	59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 7	89.10.0002	DLR600	LWL-TAXI-Receiver	0			57.11.32/1		270R 15R	MF, 1%, 0207 MF, 1%, 0207
C 22	59.34.2270	27p	CER 63V, 5%, N150	ō	IC 8	1.940.940.20		SW 500 MADI (50.14.2002)							
C 23	59.34.2270	27p	CER 63V. 5%, N150	ő	IC 9	50.14.0133	5565	IC HM 6264LP-15 .A	0			57.11.3103		10k	MF, 1%, 0207
C 24	59.22.6100	10u	El 35V 20% RM5	0	IC 10	50.63.4002	XC3030		0			57.11.3103		10k	MF, 1%, 0207
C 25	59.22.6100	68n	PETP. 63V. 10%. RM5	0	IC 10	50.63.4002	CY7C1:		0			57.11.3102		1k0	MF, 1%, 0207
	59.06.0683	68n	PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0	IC 11	50.63.1702	800652	MPU 8bit	0	R	10	57.11.3102		1k0	MF, 1%, 0207
									0	R	11	57.11.3102		1k0	MF, 1%, 0207
C 27	59.06.0104	100n	PETP, 63V, 10%, RM5		IC 13	50.17.0574	74HCT		0	R	12	57.11.3102		1k0	MF, 1%, 0207
C 28	59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	IC 14	50.08.1576	74ALS5		0			57.11.3471		470R	MF, 1%, 0207
C 29	59.32.4102	1n	C 1000 P , 20%, 50V , CER		IC 15	50.08.1576	74ALS5		ō			57.11.3271		270R	MF, 1%, 0207
C 30	59.06.0104	100n	PETP, 63V, 10%, RM5		IC 16	not used	MAX96		0			57.11.3150		15R	MF. 1%, 0207
C 31	not used	1n	C 1000 P, 20%, 50V, CER	0	IC 17	50.15.0201	SCC26		0			not used		470R	MF. 1%, 0207
C 32	not used	1u	TA, 20%, 35V	0	IC 18	50.17.5652	74AC65	Octal Bus Reg/Transceiver							
C 33	not used	100n	PETP, 63V, 10%, RM5	0	IC 19	50.14.1009	7C128A	SRAM 2K*8 35ns	1			57.11.3332		3k3	MF, 1%, 0207
C 34	not used	100n	PETP, 63V, 10%, RM5	0	IC 20	50.17.0573	74HCT	73 IC 74 HCT573A	0			57.11.3102		1k0	MF, 1%, 0207
C 35	not used	1u	TA. 20%. 35V	0	IC 21	50.17.1574	74HC57	IC 74 HC 574 ., ,A	0	R	19	not used		75R	MF, 1%, 0204
C 36	not used	10	C 1000 P , 20%, 50V , CER	ō	IC 22	50.17.1594	74HC59		0	R	20	not used		75R	MF, 1%, 0204
C 37	not used	47n	PETP. 63V. 10%. RM5	0	IC 23	1.940.941.21	7411000	SW 500 MADIIN (50.14.1501)	0	R	21	not used		330R	MF, 1%, 0204
		100n	PETP, 63V, 10%, RM5	0	IC 24	50.17.1595	74HC59		0	R	22	not used		150R	MF, 1%, 0207
	not used				IC 25	50.17.1595	75174	IC SN 75174 N	0	R	23	not used		75R	MF, 1%, 0204
	not used	1n	C 1000 P , 20%, 50V , CER						0			not used		1k2	MF, 1%, 0204
C 40	not used	100n	PETP, 63V, 10%, RM5		IC 26	50.17.1589	74HC58		0			not used		330R	MF. 1% 0204
C 41	59.22.3470	47u	EL 10V 20% RM5	0	IC 27	50.17.1589	74HC58		Ö			57.11.3102		1k0	MF. 1%, 0207
C 42	not used	100n	PETP, 63V, 10%, RM5	0	IC 28	not used	MAX96		0			not used		330R	MF. 1%, 0204
C 43	not used	. 1n	C 1000 P, 20%, 50V, CER	0	IC 29	50.17.1004	74HC04	IC 74 HC 04 ., ,A	0			not used		75R	MF 1% 0204
C 44	59.22.4221	220u	EL 16V 20% RM5	0	IC 30	50.10.0124	MAX66		0			57.11.3103		10k	MF, 1%, 0204 MF, 1%, 0207
C 45	59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 31	50.15.0114	9637	Dual diff Line Receiver							
C 46	59 06 0683	68n	PETP, 63V, 10%, RM5						0			not used		470R	MF, 1%, 0204
C 47	59.06.0683	68n	PETP, 63V, 10%, RM5		J3	54.01.0021	Jumper	0.63 * 0.63mm	0			57.11.3102		1k0	MF, 1%, 0207
				0	J 4	54.01.0021	Jumper	0.63 * 0.63mm	0			57.11.3105		1M0	MF, 1%, 0207
C 48	59.06.0683	68n	PETP, 63V, 10%, RM5	0	1.1	62 02 3101	100uH	10% radial RM 5	0	R	33	57.11.3102		1k0	MF, 1%, 0207
C 49	59.06.0683	68n	PETP, 63V, 10%, RM5						0			57.11.3102		1k0	MF, 1%, 0207
C 50	not used	47n	PETP, 63V, 10%, RM5		L 2	62.02.3100	10uH	10%, radial RM 5	0	R		not used		470R	MF, 1%, 0204
C 51	not used	47n	PETP, 63V, 10%, RM5		L 3	62.02.3100	10uH	10%, radial RM 5	0			57.11.3102		1k0	MF, 1%, 0207
C 52	not used	100n	PETP, 63V, 10%, RM5	0		62.02.3220	22uH	10%, radial RM 5	0			57.11,3102		1k0	MF, 1%, 0207
C 53	59.34.0339	3p3	CER 63V, 5%, P100	0	L 5	62,03.0001	10uH	1A Toroid Chocke							
C 54	not used	47n	PETP, 63V, 10%, RM5	0	L 6	62.02.3100	10uH	10%, radial RM 5	0			57.88.4102		1k0	8*R Resistor-Netw 2% SIP9
C 55	not used	1n	C 1000 P, 20%, 50V, CER	0	L 7	not used	10uH	10%, radial RM 5	0	RZ	Z 2	57.88.4102		1k0	8*R Resistor-Netw 2% SIP9
C 56	not used	1n	C 1000 P , 20%, 50V , CER	0	L8	not used	10uH	10%, radial RM 5	0			57.88.4103		10k	8*R Resistor-Netw 2% SIP9
C 57	59.22.6100	10u	EL 35V 20% RM5		L9	not used	10uH	10%, radial RM 5	0	R2	Z4 :	57.88.4333		33k	8*R Resistor-Netw 2% SIP9
C 58	59.22.4221	220u	EL 16V 20% RM5		L 10	not used	10uH	10%, radial RM 5							
C 58	not used	220u	C 1000 P . 20% . 50V . CER		L 10	not used	10uH	10% radial RM 5	0	S	1 :	55.03.0122		1*a	S 1 TASTE, 1*A, PRINT, IMPUL:
C 60	not used	100n	PETP. 63V. 10%, RM5			1101 4004	1041	1977, 1222, 1311		т.		63 15 0021			RF - Trafo
C 61	not used	1n	C 1000 P , 20%, 50V , CER	0	MP 1	1.940.500.11		D19M MADI PCB							
	not used	1n 68n	PETP, 63V, 10%, RM5	0	MP 2	1.010.057.43		Baugruppenschild	0			not used			IMPULSTRANSFORMATOR
					MP 3	43.01.0108	Label	ESE-WARNSCHILD	0	Т:	3	not used			IMPULSTRANSFORMATOR
C 63 C 64	59.34.0339	3p3	CER 63V, 5%, P100		MP 5	1.010.117.51		TEXT-ETIK. 5*20 (T1.60A)		ΧE	n 1	50.20.2501		Spacer	LED-Sockel
C 64	59.06.0473	47n	PETP, 63V, 10%, RM5	0	MP 7	1.010.015.50	Spacer	Isolierscheibe		XC		50.20.2501		Spacer	LED-Sockel
C 65	not used	47n	PETP, 63V, 10%, RM5		MP 8	89 01 1499 3 ncs		QUARZ - ISCLIERPLATTE		XI.		50.20.2501		Spacer	LED-Sockel
C 66	59.06.0103	10n	PETP, 63V, 10%, RM5	0	MP 10	1.940.510.01 1 pcs		FRONTPLATTE	0	XL	JL3 3	ou.∠u.∠501		opacer	FED-20CK6I
C 67	59.06.0683	68n	PETP, 63V, 10%, RM5						n	XF	:1 4	53 03 0118			XF 5 * 20 PRINT-LIEGEND
C 68	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE	0	A.F	, ,	00.00.0110			7. 5 20, FRINT-LIEGEND
C 69	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 12	49.02.0520 2 pcs		Rändelschraube (Rack)	0	XI	C8 5	53.03.0173		28p	DIL 0.6", löt, gerade
C 70	59.06.0683	68n	PETP. 63V. 10%, RM5		MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)	ō			53.03.2284		84p	PLCC-Socket
C 71	59.06.0683	68n	PETP. 63V. 10%, RM5	0	MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)	-	XI		53.03.2259		520	PLCC-Socket
C 72	59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp		XI		53.03.2244		52p 44p	PLCC-Socket
					MP 16	49.02.0504 1 pce		Frontplatten-Griff							
C 73 C 74	59,06,0683	68n	PETP, 63V, 10%, RM5	0	MP 17	21.53.0279 2 pcs		Z-Schraube Inbus Zn qb chr	0			53.03.0165		20p	DIL 0.3", löt, gerade
	59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 18			Z-Schraube Inbus Zn gb chr	0			53.03.0165		20p	DIL 0.3", löt, gerade
C 75	59.06.0683	68n	PETP, 63V, 10%, RM5			21.53.0284 1 pce			0			53.03.0166		8p	DIL 0.3", löt, gerade
C 76	59.06.0683	68n	PETP, 63V, 10%, RM5		MP 19	28,99,0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0	XI	C 25 5	53.03.0168		16p	DIL 0.3", löt, gerade
C 77	59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 20	1.101.001.21 1 pce		TEXT-ETIK. 5*20 HARDWARE -21	0	XI	C 31 5	53.03.0166		8p	DIL 0.3", löt, gerade
	59.06.0683	68n	PETP, 63V, 10%, RM5												· · · ·
C 78			C 1000 P , 20%, 50V , CER							Y 1	1 5	89.01.1013		40 EDOMALIA	XTAL HC 49/U

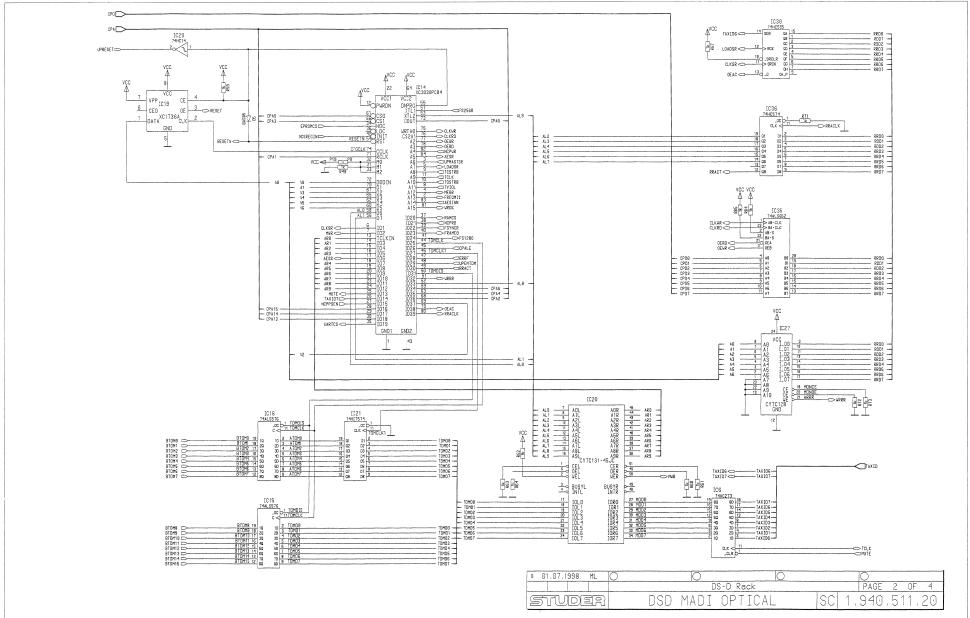
ldx	Pos.	Part No. Q	. Type/Val.	Description
0	Y 2	89.01.1014	12.000MHz	XTAL HC 49/U
0	Y 3	89.01.1002	3.6864MHz	XTAL HC 18 U
			End of Li	et

Comments Datenübernahme

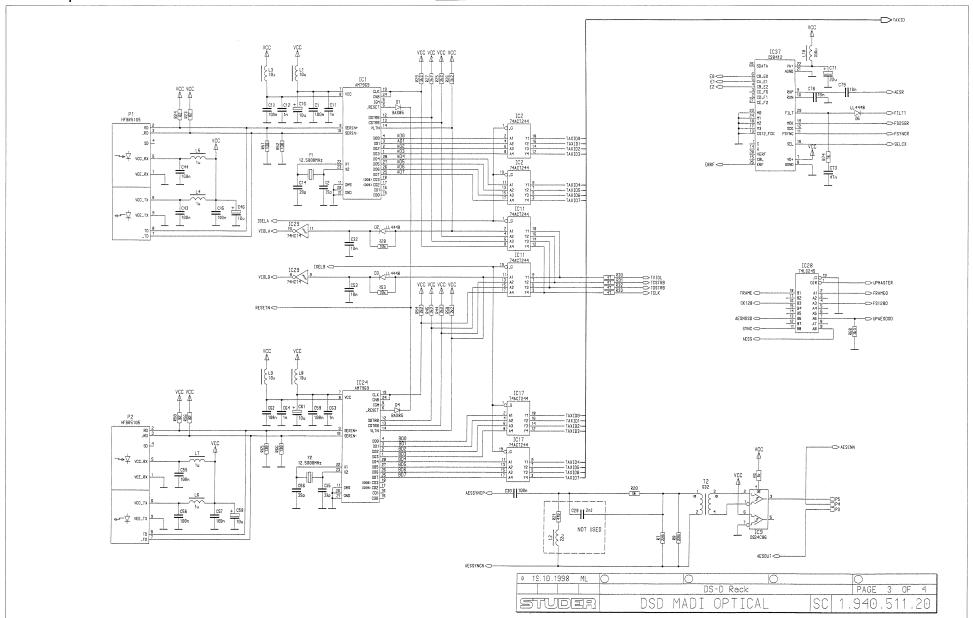




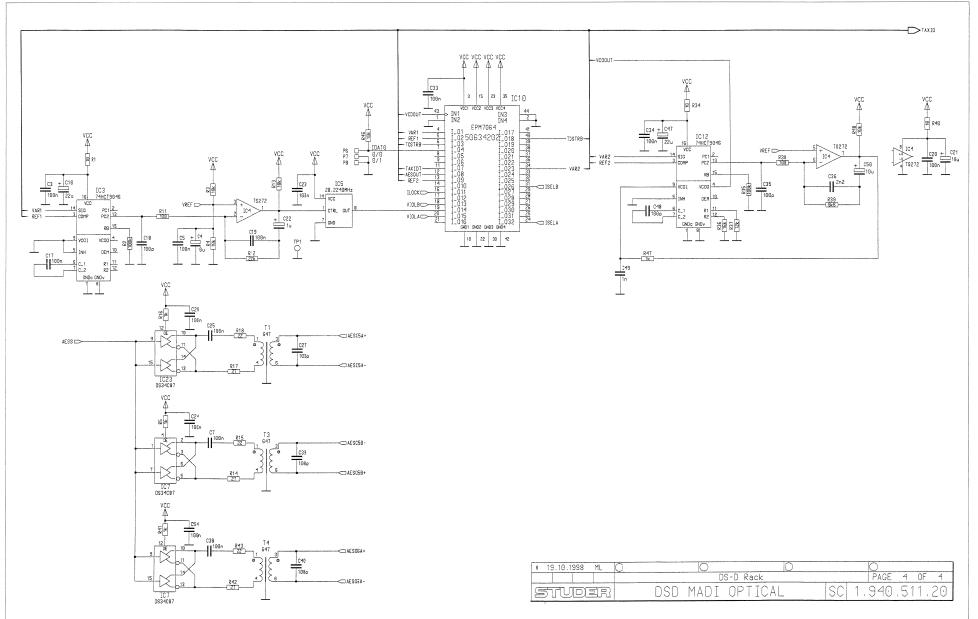






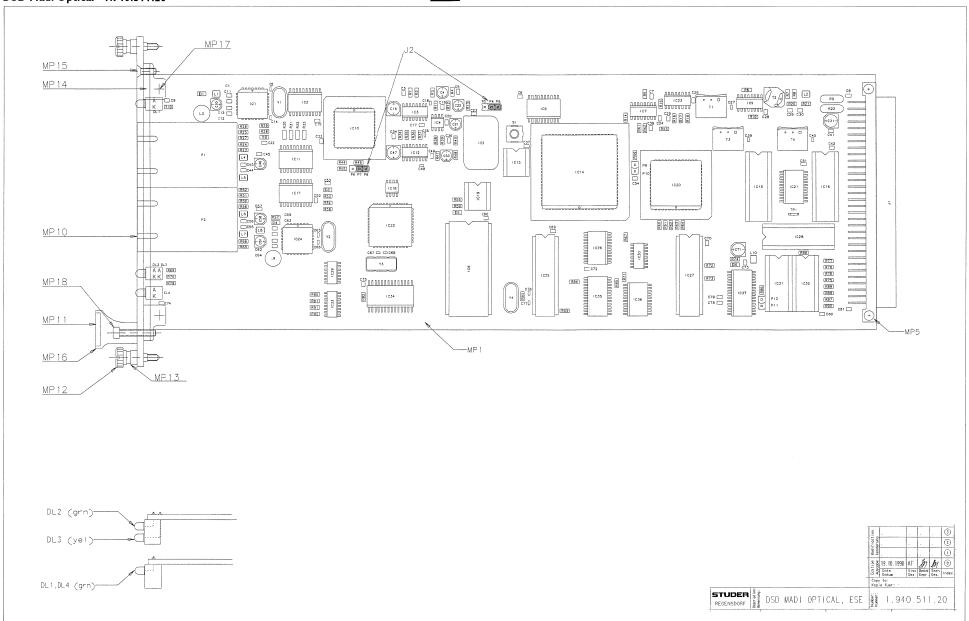












MADI Optical 1.940.511.21 (0)

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	Optical	1107	0.511.21 (<i>0)</i>							Page: 1 of
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ld	lx.	Pos.	Part No.	Qty.	Type/Val.	Description
						DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0 C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805			DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0 C2	59.60.2239	39p	CER 50V, 5%, C0G, 0603			DL 3	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0 C3	59.60.3337	100n	CER 50V, 10%, X7R, 0805			DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0 C4	59.68.0065	10u	EL 16V, 4.0*5.7			IC 1	50.63.0205		AM7969	TAXI Chip Receiver
0 C 5	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 2	50.62.6244		74ACT244	Octal bus line driver
0 06	59 60 3337	100n	CER 50V, 10%, X7R, 0805			IC 3	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0 C7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0	IC 4	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0 C8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	- (0	IC 5	89.01.1507		28.224MHz	VCXO Xtal-Oscillator voltage c
0 C 9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	1		IC 6	50.62.1273		74HC273	Octal D-FF with reset
0 C 10	59.68.0065	10u	EL 16V, 4.0*5.7			IC 7	50.62.0464		DS34C87	4*RS 422 Line Driver
0 C 11	59.60.2373	1n0	CER 50V, 5%, C0G, 0805 CER 50V, 5%, C0G, 0805	(0	IC 8	1.940.940.20			SW 500 MADI (50.14.2002)
0 C 12 0 C 13	59.60.2373 59.60.3337	1n0 100n	CER 50V, 5%, COG, 0805 CER 50V, 10%, X7R, 0805	(0	IC 9	50.62.0463		DS34C86	4*RS 422 Line Receiver
0 C 13	59.60.2239	39p	CER 50V, 10%, X/R, 0803	(0	IC 10	1.680.904.21			SW 050 MADILOCK (50.63.4202)
0 C 14	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0	IC 11	50.62.6244		74ACT244	Octal bus line driver
0 C 16	59.68.0067	22u	EL 16V, 5.0*5.7	(0	IC 12	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0 C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0	IC 13	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0 C 18	59.60.2249	100p	CER 50V, 5%, C0G, 0603	(0	IC 14	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0 C 19	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0	IC 15	50.06.1576		74ALS576	Octal D-Type FF, tri
0 C 20	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0	IC 16	50.06.1576		74ALS576	Octal D-Type FF, tri
0 C 21	59.68.0065	10u	EL 16V, 4.0*5.7	(0	IC 17	not used		74ACT244	Octal bus line driver
0 C 22	59.68.0127	1u0	EL 50V, 4.0*5.7	(0	IC 18	50.63.1108		93C46	EEPROM 64*16, SO 8
0 C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0	IC 19	1.940.941.21			SW 500 MADIIN (50.14.1501)
0 C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	(IC 20	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0 C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 21	50.62.3574		74HCT574	Octal D-FF
0 C 26	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 22	50.63.0009		80C652	MPU 8bit
0 C 27	59.60.2249	100p	CER 50V, 5%, C0G, 0603			IC 23	50.62.0464		DS34C87	4*RS 422 Line Driver
0 C 28	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 24	not used		AM7969	TAXI Chip Receiver
0 C 29	not used	2n2	CER 50V, 10%, X7R, 0805			IC 25	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0 C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 26	50.62.3573		74HCT573	Octal D-type latch
0 C 31	59.68.0067	22u	EL 16V, 5.0*5.7			IC 27	50.14.1009		7C128A	SRAM 2K*8 35ns
0 C 32	59.60.3325	10n	CER 50V, 10%, X7R, 0805			IC 28	50.06.0245		74LS245	SN 74 LS 245 N
0 C 33	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 29	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0 C 34	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 30	50.62.1595		74HC595	8bit shift/output register
0 C 35	59.60.2249	100p	CER 50V, 5%, C0G, 0603			IC 31	50.17.1589		74HC589	MC 74 HC 589 N
0 C 36	59.60.3317	2n2	CER 50V, 10%, X7R, 0805			IC 32	50.17.1589		74HC589	MC 74 HC 589 N
0 C 37	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 33	50.62.1595		74HC595	8bit shift/output register
0 C38	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 34	50.63.1502		6264	SRAM 8K*8, 120ns
0 C 39	59.60.2249	100p	CER 50V, 5%, C0G, 0603			IC 35	50.62.2652		74ALS652	Octal bus transceiver & reg.
0 C 40	59.60.2249	100p	CER 50V, 5%, C0G, 0603			IC 36	50.62.1574		74HC574	Octal D-FF
0 C 41	59.60.3337	100n	CER 50V, 10%, X7R, 0805			IC 37	50.62.0913		CS8412	AES-Receiver
0 C 42	59.60.3337	100n	CER 50V, 10%, X7R, 0805			J 1 J 2	54.11.2009 54.01.0021	2 000	96p Jumper	EU-R 3*32p 0.63*0.63mm, Au
0 C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805			L 1	62.60.0113	2 pus	10uH	SMD 10% 1210
0 C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805			L 2	not used		22uH	SMD 10% 1210
0 C 45	59.60.3337	100n	CER 50V, 10%, X7R, 0805		0 1		62.02.3100		10uH	10%, radial RM 5
0 C 46	59.68.0065	10u	EL 16V, 4.0*5.7		0 1		62.60.0101		1u0	SMD 10% 1210
0 C 47	59.68.0067	22u	EL 16V, 5.0*5.7			L 5	62.60.0101		1u0	SMD 10% 1210
0 C 48	59.60.2249	100p	CER 50V, 5%, COG, 0603			L 6	62.60.0101		1u0	SMD 10% 1210
0 C 49	59.60.2373	1n0	CER 50V, 5%, C0G, 0805			L 7	62.60.0101		1u0	SMD 10% 1210
0 C 50	59.68.0065	10u	EL 16V, 4.0*5.7			L 8	62.60.0113		10uH	SMD 10% 1210
0 C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805			L 9	not used		10uH	10%, radial RM 5
0 C 52 0 C 53	59.60.3337	100n 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	C	0 1	L 10	62.60.0125		100uH	SMD 10% 1210
0 C 53	59.60.3325 59.60.3337	100n	CER 50V, 10%, X7R, 0805	(0 1	MP 1	1.940.511.11	1 pce		D19M MADI PCB
0 C 54	59.60.3337	100n	CER 50V, 10%, X/R, 0005 CER 50V, 10%, X/R, 0805	C	0 1	MP 2	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0 C 56	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C	0 1	MP 3	1.940.512.04	1 pce		TYPENSCHILD
0 C 57	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C	0 1	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
0 C 58	59.68.0065	10u	EL 16V, 4.0*5.7	C	0 1	MP 5	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0 C 59	59.60.3337	100n	CER 50V, 10%, X7R, 0805			MP 10	1.940.511.01			Frontplatte MADI
0 C 60	59.60.3337	100n	CER 50V, 10%, X7R, 0805			MP 11	1.940.600.04		140 5*45	GRIFFEINLAGE 4TE
0 C 61	59.68.0065	10u	EL 16V, 4.0*5.7			MP 12	49.02.0520		M2.5*12	Rändelschraube (Rack)
0 C 62	59.60.3337	100n	CER 50V, 10%, X7R, 0805			MP 13	49.02.0521			Metall-Buchse (Rack)
0 C 63	59.60.2373	1n0	CER 50V, 5%, C0G, 0805			MP 14 MP 15	49.02.0522		M2 5*7	Kartenhalter mit Z-Schr
0 C 64	59.60.2373	1n0	CER 50V, 5%, C0G, 0805			MP 15	49.02.0523		M2.5*7	Senk-Schr, KS, Senkripp Frontpletten-Griff
0 C 65	59.60.2239	39p	CER 50V, 5%, COG, 0603			MP 16 MP 17	49.02.0504 not used	ı pue	4TE M2.5*6	Frontplatten-Griff Z-Schraube Inbus Zn gb chr
0 C 66	59.60.2239	39p	CER 50V, 5%, COG, 0603			MP 18	21.53.0284	1 nce	M2.5*6 M2.5*16	Z-Schraube Inbus Zn gb chr
0 C 67	59.60.2235	27p	CER 50V, 5%, COG, 0603			NIP 10 P 1	89.10.0021	. poc	HFBR5103	LWL Transceiver FDDI/MADI
0 C 68	59.60.2235	27p	CER 50V, 5%, COG, 0603		0 1		not used		HFBR5103	LWL Transceiver FDDI/MADI
0 C 69	59.60.3337	100n	CER 50V, 10%, X7R, 0805			P 3	54.01.0020		1p	Pin, 1reihig, gerade
0 C 70	59.60.3337	100n	CER 50V, 10%, X7R, 0805			P 4	54.01.0020		1p	Pin, 1reihig, gerade
0 C 71	59.68.0067 59.60.3337	22u 100n	EL 16V, 5.0*5.7 CER 50V 10% X7R 0805			P 5	54.01.0020		1p	Pin, 1reihig, gerade
0 C 72 0 C 73	59.60.3337 59.60.3333	100n 47n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805			P 6	54.01.0020		1p	Pin, 1reihig, gerade
0 C73	59.60.3333	47n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805			P 7	54.01.0020		1p	Pin, 1reihig, gerade
0 C 74	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805			P 8	54.01.0020		1p	Pin, 1reihig, gerade
0 C75	59.60.2225	100ii 10p	CER 50V, 10%, X/R, 0803 CER 50V, 5%, COG, 0603	C	0 1	P 9	54.01.0020		1p	Pin, 1reihig, gerade
0 C77	59.60.2225	10p 10p	CER 50V, 5%, C0G, 0603	C	0	P 10	54.01.0020		1p	Pin, 1reihig, gerade
0 C78	59.60.3325	10p	CER 50V, 10%, X7R, 0805	C)	P 11	54.01.0020		1p	Pin, 1reihig, gerade
0 C 79	59.60.3325	10n	CER 50V, 10%, X7R, 0805	C	0	P 12	54.01.0020		1p	Pin, 1reihig, gerade
0 C 80	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C	0 1	R 1	57.60.1100		10R	MF, 1%, 0204, E24
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	C)	R 2	57.60.1104		100k	MF, 1%, 0204, E24
0 C 81	50.60.8101	BAS85	200mA 30V Schottky SOD 80		0 1		57.60.1103		10k	MF, 1%, 0204, E24
		4448		C	0 1	R 4	57.60.1103		10k	MF, 1%, 0204, E24
0 D1	50.60.8001		20011A 75V 41IS SOLI 80							
0 D1 0 D2	50.60.8001 50.60.8001		200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80			R 5	57.60.1102		1k0	MF, 1%, 0204, E24
0 D1 0 D2	50.60.8001 50.60.8001 50.60.8101	4448 BAS85		C	0 1	R 6	57.60.1102		1k0	MF, 1%, 0204, E24
0 D1 0 D2 0 D3	50.60.8001	4448	200mA 75V 4ns SOD 80	C		R 6 R 7				

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MADI	Optical	1.940).511.21 (0)
ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 R9	57.92.7051	1.1A	PTC 30V
0 R 10	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 11	57.60.1101	100R	MF, 1%, 0204, E24
0 R 12 0 R 13	57.60.1223 57.60.1103	22k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 13 0 R 14	57.60.1270	27R	MF, 1%, 0204, E24
0 R 15	57.60.1220	22R	MF, 1%, 0204, E24
0 R 16	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 17	57.60.1270 57.60.1220	27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 18 0 R 19	57.60.1102	22R 1k0	MF, 1%, 0204, E24
0 R 20	57.60.1000	0R0	MF, 0204
0 R 21	not used	470R	MF, 1%, 0204, E24
0 R 22 0 R 23	57.92.7051 57.60.1820	1.1A 82R	PTC 30V MF, 1%, 0204, E24
0 R 24	57.60.1820	82R	MF, 1%, 0204, E24
0 R 25	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 26	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 27 0 R 28	57.60.1222 57.60.1103	2k2 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 29	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 30	57.60.1470	47R	MF, 1%, 0204, E24
0 R 31	57.60.1470	47R	MF, 1%, 0204, E24
0 R 32 0 R 33	57.60.1470 57.60.1470	47R 47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 34	57.60.1100	10R	MF, 1%, 0204, E24
0 R 35	57.60.1104	100k	MF, 1%, 0204, E24
0 R 36	57.60.1163	16k	MF, 1%, 0204, E24
0 R 37 0 R 38	57.60.1123 57.60.1101	12k 100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 39	57.60.1562	5k6	MF, 1%, 0204, E24
0 R 40	57.60.1100	10R	MF, 1%, 0204, E24
0 R 41	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 42 0 R 43	57.60.1270 57.60.1220	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 44	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 45	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 46	57.60.1103	10k	MF, 1%, 0204, E24
0 R 47 0 R 48	57.60.1102 57.60.1103	1k0 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 49	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 50	57.60.1820	82R	MF, 1%, 0204, E24
0 R 51	57.60.1131	130R	MF, 1%, 0204, E24
0 R 52 0 R 53	57.60.1131 57.60.1103	130R 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 54	57.60.1222	2k2	MF, 1%, 0204, E24
0 R 55	57.60.1332	3k3	MF, 1%, 0204, E24
0 R 56	57.60.1820	82R	MF, 1%, 0204, E24
0 R 57 0 R 58	57.60.1332 57.60.1222	3k3 2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 59	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 60	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 61	57.60.1102 57.60.1102	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 62 0 R 63	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 64	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 65	57.60.1131	130R	MF, 1%, 0204, E24
0 R 66 0 R 67	57.60.1131 57.60.1102	130R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 68	57.60.1332	3k3	MF, 1%, 0204, E24
0 R 69	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 70 0 R 71	57.60.1102 57.60.1102	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 71 0 R 72	57.60.1102 57.60.1102	1k0	MF, 1%, 0204, E24
0 R 73	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 74	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 75 0 R 76	57.60.1333 57.60.1333	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R77	57.60.1333	33k	MF, 1%, 0204, E24
0 R 78	57.60.1333	33k	MF, 1%, 0204, E24
0 R 79	57.60.1102 57.60.1332	1k0	MF, 1%, 0204, E24
0 R 80 0 R 81	57.60.1332 57.60.1332	3k3 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 82	57.60.1102	1k0	MF, 1%, 0204, E24
0 R 83	57.60.1105	1M	MF, 1%, 0204, E24
0 R 84 0 R 85	57.60.1102 57.60.1102	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 86	57.60.1103	10k	MF, 1%, 0204, E24
0 R 87	57.60.1333	33k	MF, 1%, 0204, E24
0 R88 0 R89	57,60,1333 57,60,1333	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R89 0 R90	57.60.1333 57.60.1333	33k	MF. 1%, 0204, E24
0 R 91	57.60.1332	3k3	MF, 1%, 0204, E24
0 R 92	57.60.1332 57.60.1332	3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R 93 0 S 1	57.60.1332 55.60.0201	3k3 1*s	MF, 1%, 0204, E24 SMD Tactswitch
0 T1	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU

				Description
0	T 2	1.022.632.00	1:1	DI/DO TRANSFORMER
0	T 3	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501	Spacer	LED-Sockel
0	XDL 2	50.20.2501	Spacer	LED-Sockel
0	XDL 4	50.20.2501	Spacer	LED-Sockel
0	XIC 8	53.03.0173	28p	DIL 0.6", löt, gerade
0	XIC 10	53.03.2244	44p	PLCC-Socket
0	XIC 14	53.03.2284	84p	PLCC-Socket
0	XIC 19	53.03.0166	8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.2252	52p	PLCC-Socket
0	XY 1	89.01.1499 1	рсе	QUARZ - ISOLIERPLATTE
0	XY 2	not used 1	pce	QUARZ - ISOLIERPLATTE
0	XY 4	89.01.1499 1	pce	QUARZ - ISOLIERPLATTE
0	Y 1	89.01.1013	12.500MHz	XTAL HC 49/U
0	Y 2	89.01.1013	12.500MHz	XTAL HC 49/U
0	Y 3	89.60.1003	12.000MHz	SMD Quartz
0	Y 4	89.01.1002	3.6864MHz	XTAL HC 18 U

Date printed: 01.10.02

MADI Optical, Redundant Input 1.940.512.21 (0)

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ldx.	Pos.	Part No. Qtv.	Type/Val.	Description	_ldx.	Pos.	Part No.	Qtv.	Type/Val.	Description
0	C 1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL. 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
	C 2	59.60.2239	39p	CER 50V, 5%, C0G, 0603	0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	C 3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 3	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	C 4	59.68.0065	10u	EL 16V, 4.0*5.7	0	DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	C 5	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 1	50.63.0205		AM7969	TAXI Chip Receiver
	C 6	59.60.3337	100n	CFR 50V, 10%, X7R, 0805	0	IC 2	50.62.6244		74ACT244	Octal bus line driver
	C7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 3	50.62.4946		74HCT9046	PLL with bandgap contr VCO
	C8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 4	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0	C 9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 5	89.01.1507		28.224MHz	VCXO Xtal-Oscillator voltage c
	C 10		10u	EL 16V, 4.0*5.7	0	IC 6	50.62.1273		74HC273	Octal D-FF with reset
		59.68.0065			0	IC 7	50.62.0464		DS34C87	4*RS 422 Line Driver
	C 11	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0	IC 8	1.940.940.20			SW 500 MADI (50.14.2002)
0	C 12	59.60.2373	1n0	CER 50V, 5%, COG, 0805	0	IC 9	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	C 13	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 10	1.680.904.21			SW 050 MADILOCK (50.63.4202)
0	C 14	59.60.2239	39p	CER 50V, 5%, C0G, 0603		IC 11	50.62.6244		74ACT244	Octal bus line driver
0	C 15	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 12	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	C 16	59.68.0067	22u	EL 16V, 5.0*5.7	0	IC 13	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 14	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	C 18	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 15	50.06.1576		74ALS576	Octal D-Type FF, tri
0	C 19	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 16	50.06.1576		74ALS576	Octal D-Type FF, tri
0	C 20	59.60.3337	100n	CER 50V, 10%, X7R, 0805					74ACT244	
0	C 21	59.68.0065	10u	EL 16V, 4.0*5.7	0	IC 17	50.62.6244			Octal bus line driver
0	C 22	59.68.0127	1u0	EL 50V, 4.0*5.7	0	IC 18	50.63.1108		93C46	EEPROM 64*16, SO 8
0	C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 19	1.940.941.21			SW 500 MADIIN (50.14.1501)
0	C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 20	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 21	50.62.3574		74HCT574	Octal D-FF
0	C 26	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 22	50.63.0009		80C652	MPU 8bit
0	C 27	59.60.2249	100p	CER 50V, 5%, C0G, 0603		IC 23	50.62.0464		DS34C87	4*RS 422 Line Driver
0	C 28	59.60.3337	100p	CER 50V, 10%, X7R, 0805	0	IC 24	50.63.0205		AM7969	TAXI Chip Receiver
0	C 29	not used	2n2	CER 50V, 10%, X7R, 0805	0	IC 25	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 26	50.62.3573		74HCT573	Octal D-type latch
0	C 30	59.68.0067	22u	EL 16V, 5.0*5.7	0	IC 27	50.14.1009		7C128A	SRAM 2K*8 35ns
					0	IC 28	50.06.0245		74LS245	SN 74 LS 245 N
	C 32	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	IC 29	50.62.1014		74HC 14	Hex Schmitt trigger inverter
	C 33	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 30	50.62.1595		74HC595	8bit shift/output register
	C 34	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 31	50.17.1589		74HC589	MC 74 HC 589 N
	C 35	59.60.2249	100p	CER 50V, 5%, C0G, 0603		IC 32	50.17.1589		74HC589	MC 74 HC 589 N
	C 36	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0	IC 33	50.62.1595		74HC595	8bit shift/output register
0	C 37	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 34	50.63.1502		6264	SRAM 8K*8, 120ns
0	C 38	59.60.3337	100n	CER 50V, 10%, X7R, 0805						
0	C 39	59.60.2249	100p	CER 50V, 5%, C0G, 0603		IC 35	50.62.2652		74ALS652	Octal bus transceiver & reg.
0	C 40	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	IC 36	50.62.1574		74HC574	Octal D-FF
0	C 41	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 37	50.62.0913		CS8412	AES-Receiver
0	C 42	59.60.3337	100n	CER 50V, 10%, X7R, 0805		J 1	54.11.2009	_	96p	EU-R 3*32p
0	C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805		J 2	54.01.0021	2 pcs	Jumper	0.63*0.63mm, Au
0	C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805		L1	62.60.0113		10uH	SMD 10% 1210
0	C 45	59.60.3337	100n	CER 50V, 10%, X7R, 0805		L 2	not used		22uH	SMD 10% 1210
0	C 46	59.68.0065	10u	EL 16V, 4.0*5.7		L 3	62.02.3100		10uH	10%, radial RM 5
0	C 47	59.68.0067	22u	EL 16V, 5.0*5.7		L 4	62.60.0101		1u0	SMD 10% 1210
0	C 48	59.60.2249	100p	CER 50V, 5%, C0G, 0603		L 5	62.60.0101		1u0	SMD 10% 1210
	C 49	59.60.2373	1n0	CER 50V, 5%, C0G, 0805		L 6	62.60.0101		1u0	SMD 10% 1210
	C 50	59.68.0065	10u	EL 16V, 4.0*5.7		L 7	62.60.0101		1u0	SMD 10% 1210
	C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L 8	62.60.0113		10uH	SMD 10% 1210
	C 52	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L 9	62.02.3100		10uH	10%, radial RM 5
	C 53	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	L 10	62.60.0125		100uH	SMD 10% 1210
	C 54	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 1	1.940.511.11	1 pce		D19M MADI PCB
0	C 55	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 2	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	C 56	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 3	1.940.512.04	1 pce		TYPENSCHILD
0	C 57	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
-	C 58	59.68.0065	10u	EL 16V, 4.0*5.7	0	MP 5	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
	C 59	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 10	1.940.512.01			Frontplatte MADI redundant in
	C 60	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 11	1.940.600.04			GRIFFEINLAGE 4TE
0	C 61	59.68.0065	10u	EL 16V, 4.0*5.7	0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
	C 62	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 13	49.02.0521			Metall-Buchse (Rack)
	C 63	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
	C 64	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
	C 65	59.60.2239	39p	CER 50V, 5%, C0G, 0603	0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	C 66	59.60.2239	39p	CER 50V, 5%, C0G, 0603	0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
	C 67	59.60.2235	27p	CER 50V, 5%, COG, 0603	0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
				CER 50V, 5%, COG, 0603	0	P 1	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	C 68	59.60.2235	27p	CER 50V, 5%, COG, 0603 CER 50V, 10%, X7R, 0805		P 2	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	C 69	59.60.3337	100n		0	P 3	54.01.0020		1p	Pin, 1reihig, gerade
	C 70	59.60.3337	100n	CER 50V, 10%, X7R, 0805		P 4	54.01.0020		1p	Pin, 1reihig, gerade
	C 71	59.68.0067	22u	EL 16V, 5.0*5.7 CER 50V, 10%, X7R, 0805		P 5	54.01.0020		1p	Pin, 1reihig, gerade
	C 72	59.60.3337	100n 47n			P 6	54.01.0020		1p	Pin, 1reihig, gerade
	C 73	59.60.3333	47n	CER 50V, 10%, X7R, 0805		P 7	54.01.0020		1p	Pin, 1reihig, gerade
	C 74	59.60.3337	100n	CER 50V, 10%, X7R, 0805		P 8	54.01.0020		1p	Pin, 1reihig, gerade
	C 75	59.60.3337	100n	CER 50V, 10%, X7R, 0805		P 9	54.01.0020		1p	Pin, 1reihig, gerade
	C 76	59.60.2225	10p	CER 50V, 5%, C0G, 0603		P 10	54.01.0020		1p	Pin, 1reihig, gerade
0	C 77	59.60.2225	10p	CER 50V, 5%, C0G, 0603		P 11	54.01.0020		1p	Pin, 1reihig, gerade
	C 78	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	P 12	54.01.0020		1p	Pin, 1reihig, gerade
	C 79	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R 1	57.60.1100		10R	MF, 1%, 0204, E24
	C 80	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R2	57.60.1104		100k	MF, 1%, 0204, E24
	C 81	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R3	57.60.1103		10k	MF, 1%, 0204, E24
0	D 1	50.60.8101	BAS85	200mA 30V Schottky SOD 80		R4	57.60.1103		10k	MF, 1%, 0204, E24
0	D 2	50.60.8001	4448	200mA 75V 4ns SOD 80	0	R 5	57.60.1102		1k0	MF, 1%, 0204, E24
	D 3	50.60.8001	4448	200mA 75V 4ns SOD 80		R6	57.60.1102		1k0	MF, 1%, 0204, E24
0	D 4		BAS85							
0	D 4	50.60.8101		200mA 30V Schottky SOD 80		R 7	57.60.1221		220R	MF, 1%, 0204, E24
0 0 0	D 4 D 5 D 6	50.60.8101 50.60.8101 50.60.8001	BAS85 4448	200mA 30V Schottky SOD 80 200mA 75V 4ns SOD 80	0	R 7 R 8	57.60.1221 57.60.1221		220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24

Date printed: 27.09.02

Description

LED-Sockel LED-Sockel DIL 0.6", löt, gerade PLCC-Socket PLCC-Socket

DI/DO TRANSFORMER OUTPUT TRAFO AES/EBU OUTPUT TRAFO AES/EBU PCB-Flachst 2.8*0.8, gerade LED-Sockel

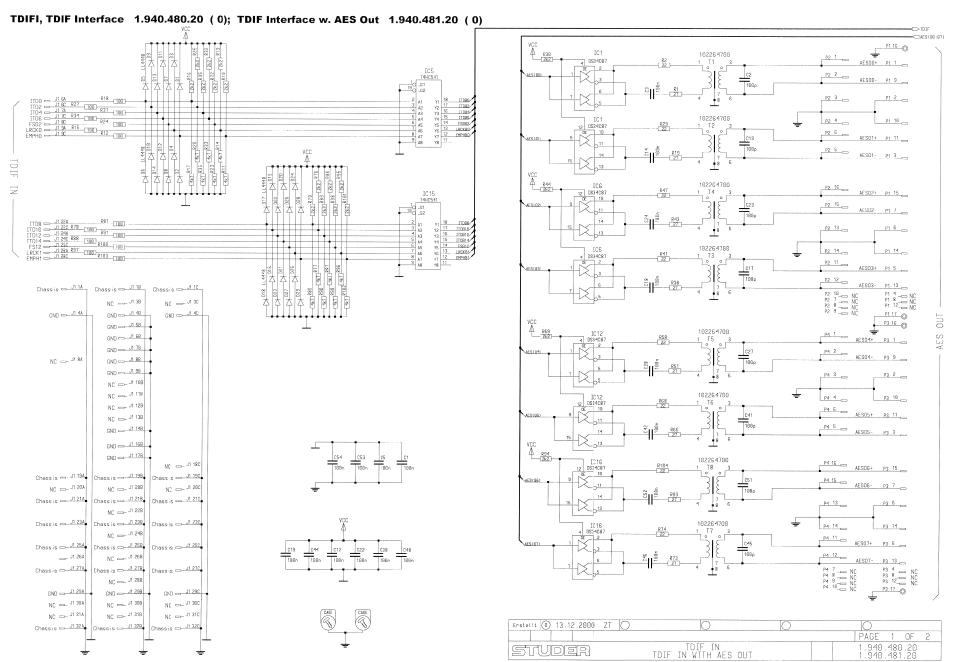
DIL 0.3", löt, gerade PLCC-Socket QUARZ - ISOLIERPLATTE QUARZ - ISOLIERPLATTE QUARZ - ISOLIERPLATTE XTAL HC 49/U XTAL HC 49/U XTAL HC 49/U XTAL HC 48/U XTAL HC 18 U

MADI Optical, Redundant Input 1.940.512.21 (0)

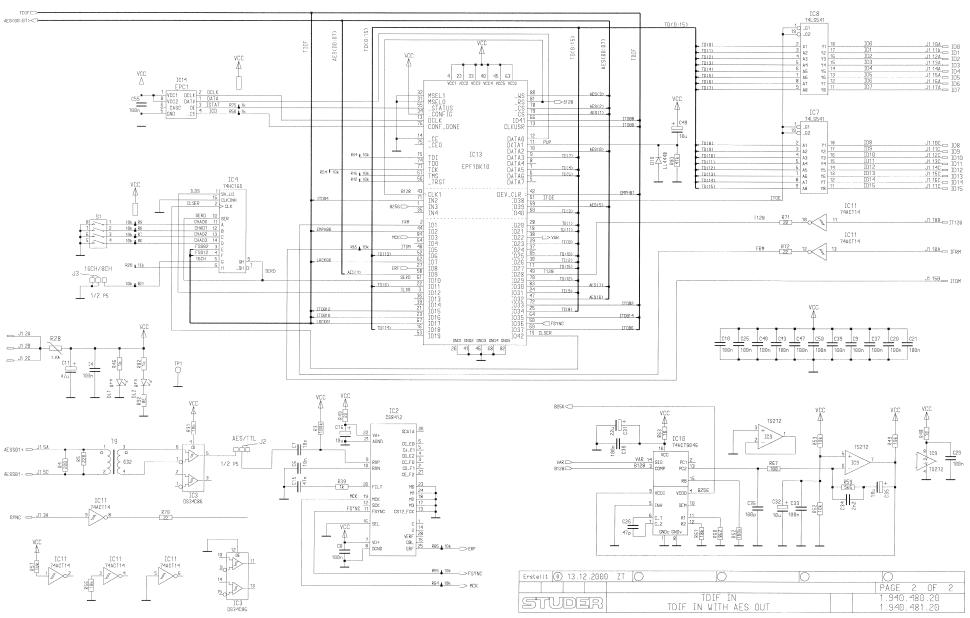
1 ugo. 2 oi 2	Pag	je:	2	of	2
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	OP 1.54	-,		 		(
ldx. Pos.	Part No. Qty	. Type/Val.	Description	 lo	dx. Pos.	Part No. Qty.	Type/Val.
0 R9	57.92.7051	1.1A	PTC 30V		0 T 2	1.022.632.00	1:1
0 R 10	57.60.1102	1k0	MF, 1%, 0204, E24		0 T3	1.022.647.00	1:1.4
0 R 11	57.60.1101	100R	MF, 1%, 0204, E24		0 T4	1.022.647.00	1:1.4
0 R 12	57.60.1223	22k	MF, 1%, 0204, E24		0 TP1	54.02.0320 50.20.2501	1p
0 R 13 0 R 14	57.60.1103 57.60.1270	10k 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		0 XDL 1 0 XDL 2	50.20.2501	Spacer Spacer
0 R 15	57.60.1220	22R	MF, 1%, 0204, E24		0 XDL 4	50.20.2501	Spacer
0 R 16	57.60.1102	1k0	MF, 1%, 0204, E24		0 XIC 8	53.03.0173	28p
0 R 17	57.60.1270	27R	MF, 1%, 0204, E24		0 XIC 10	53.03.2244	44p
0 R 18	57.60.1220	22R	MF, 1%, 0204, E24		0 XIC 14	53.03.2284	8 4 p
0 R 19	57.60.1102	1k0	MF, 1%, 0204, E24		0 XIC 19	53.03.0166	8р
0 R 20	57.60.1000	0R0	MF, 0204		0 XIC 20	53.03.2252	5 2 p
0 R 21	not used	470R	MF, 1%, 0204, E24		0 XY1	89.01.1499 1 pce	
0 R 22	57.92.7051	1.1A	PTC 30V		0 XY 2 0 XY 4	89.01.1499 1 pce 89.01.1499 1 pce	
0 R 23 0 R 24	57.60.1820 57.60.1820	82R 82R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		0 X14	89.01.1013	12.500MHz
0 R 25	57.60.1222	2k2	MF, 1%, 0204, E24		0 Y2	89.01.1013	12.500MHz
0 R 26	57.60.1222	2k2	MF, 1%, 0204, E24		0 Y3	89.60.1003	12.000MHz
0 R 27	57.60.1222	2k2	MF, 1%, 0204, E24		0 Y4	89.01.1002	3.6864MHz
0 R 28	57.60.1103	10k	MF, 1%, 0204, E24				
0 R 29	57.60.1222	2k2	MF, 1%, 0204, E24				End of List
0 R 30	57.60.1470	47R	MF, 1%, 0204, E24				
0 R 31	57.60.1470	47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 32 0 R 33	57.60.1470 57.60.1470	47R 47R	MF, 1%, 0204, E24				
0 R 34	57.60.1100	10R	MF, 1%, 0204, E24				
0 R 35	57.60.1104	100k	MF, 1%, 0204, E24				
0 R 36	57.60.1163	16k	MF, 1%, 0204, E24				
0 R 37	57.60.1123	12k	MF, 1%, 0204, E24				
0 R 38	57.60.1101	100R	MF, 1%, 0204, E24				
0 R 39	57.60.1562	5k6	MF, 1%, 0204, E24				
0 R 40 0 R 41	57.60.1100 57.60.1102	10R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 42	57.60.1270	27R	MF, 1%, 0204, E24				
0 R 43	57.60.1220	22R	MF, 1%, 0204, E24				
0 R 44	57.60.1222	2k2	MF, 1%, 0204, E24				
0 R 45	57.60.1222	2k2	MF, 1%, 0204, E24				
0 R 46	57.60.1103	10k	MF, 1%, 0204, E24				
0 R 47	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 48 0 R 49	57.60.1103 57.60.1103	10k 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 49	57.60.1102 57.60.1820	82R	MF, 1%, 0204, E24				
0 R 51	57.60.1131	130R	MF, 1%, 0204, E24				
0 R 52	57.60.1131	130R	MF, 1%, 0204, E24				
0 R 53	57.60.1103	10k	MF, 1%, 0204, E24				
0 R 54	57.60.1222	2k2	MF, 1%, 0204, E24				
0 R 55	57.60.1332	3k3	MF, 1%, 0204, E24				
0 R 56 0 R 57	57.60.1820 57.60.1332	82R 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 58	57.60.1222	2k2	MF, 1%, 0204, E24				
0 R 59	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 60	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 61	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 62	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 63 0 R 64	57.60.1102 57.60.1102	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 65	57.60.1131	130R	MF, 1%, 0204, E24				
0 R 66	57.60.1131	130R	MF, 1%, 0204, E24				
0 R 67	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 68	57.60.1332	3k3	MF, 1%, 0204, E24				
0 R 69	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 70	57.60.1102	1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 71 0 R 72	57.60.1102 57.60.1102	1k0 1k0	MF, 1%, 0204, E24				
0 R 73	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 74	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 75	57.60.1333	33k	MF, 1%, 0204, E24				
0 R 76	57.60.1333	33k	MF, 1%, 0204, E24				
0 R 77	57.60.1333	33k	MF, 1%, 0204, E24				
0 R 78 0 R 79	57.60.1333	33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 79 0 R 80	57.60.1102 57.60.1332	1k0 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 81	57.60.1332	3k3	MF, 1%, 0204, E24				
0 R 82	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 83	57.60.1105	1M	MF, 1%, 0204, E24				
0 R 84	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 85	57.60.1102	1k0	MF, 1%, 0204, E24				
0 R 86	57.60.1103 57.60.1333	10k	MF, 1%, 0204, E24				
0 R 87 0 R 88	57.60.1333 57.60.1333	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R88 0 R89	57.60.1333 57.60.1333	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 R 90	57.60.1333	33k	MF, 1%, 0204, E24				
0 R 91	57.60.1332	3k3	MF, 1%, 0204, E24				
0 R 92	57.60.1332	3k3	MF, 1%, 0204, E24				
0 R 93	57.60.1332	3k3	MF, 1%, 0204, E24				
0 S1	55.60.0201	1*s	SMD Tactswitch				
0 T1	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU				

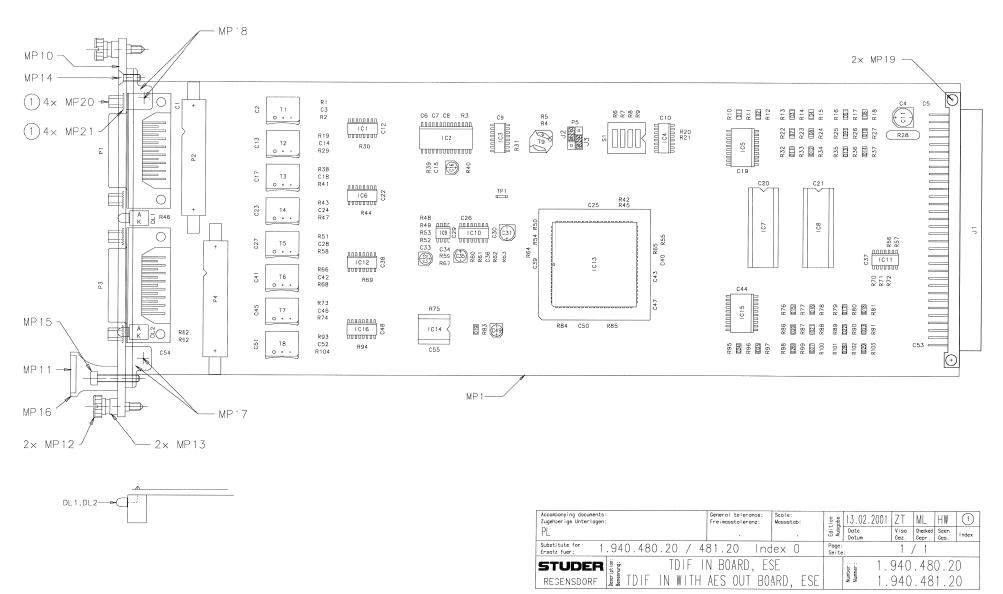
Date printed: 27.09.02



TDIFI, TDIF Interface 1.940.480.20 (0); TDIF Interface w. AES Out 1.940.481.20 (0)



TDIFI, TDIF Interface 1.940.480.20 (0); TDIF Interface w. AES Out 1.940.481.20 (0)



TDIFI, TDIF In 1.940.480.20 (0)

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IDICI,	i Dir in	1.54	0.400.20 (0)							Page: 1 of
ldx. Pos.	Part No. Qty.	Type/Val.	Description	1	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
	50.00.0007.4	100-	OFF FOULTON ATP OFF		0	IC 2	not used	1 pce	CS8412	AES-Receiver
0 C1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 3	not used 1		DS34C86	4*RS 422 Line Receiver
0 C2 0 C3	not used 1 pce	100p 100n	CER 50V, 5%, C0G, 0603 CER 50V, 10%, X7R, 0805		0	IC 4	50.62.1165	1 pce	74HC165	8bit shift register
0 C3	not used 1 pce 59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 5	50.62.1541	1 pce	74HC541	Octal buffer line driver/recei
0 C 5	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 6	not used ?	1 pce	DS34C87	4*RS 422 Line Driver
0 06	not used 1 pce	10n	CER 50V. 10%, X7R, 0805		0	IC 7	50.06.0541		74LS541	SN 74 LS 541 N
0 C7	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		0	IC 8	50.06.0541		74LS541	SN 74 LS 541 N
0 C8	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 9	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0 C 9	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			IC 10	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0 C 10	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 11	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
0 C 11	59.68.0069 1 pce	47u	EL 16V, 6.3*5.7		0	IC 12	not used 1		DS34C87	4*RS 422 Line Driver
0 C 12	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 13	50.63.4210		EPF10K10	PLD 10 000 gates
0 C 13	not used 1 pce	100p	CER 50V, 5%, C0G, 0603			IC 14	1.940.985.20		74110544	SW480 TDIFIN (50.63.4298)
0 C 14	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		0	IC 15	50.62.1541		74HC541	Octal buffer line driver/recei
0 C 15	not used 1 pce	47n	CER 50V, 10%, X7R, 0805		0	IC 16	not used 1		DS34C87	4*RS 422 Line Driver EU-R 3*32p
0 C 16	not used 1 pce	10u	EL 16V, 4.0*5.7		0	J 1 J 2	54.11.2009 1 not used 1	•	96p Jumper	0.63*0.63mm, Au
0 C 17	not used 1 pce	100p	CER 50V, 5%, C0G, 0603		0	J 3	not used 1		Jumper	0.63*0.63mm, Au
0 C 18	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 1	1.940.480.11		dampor	D19M TDIF IN PCB
0 C 19	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 2	1.940.481.04 1			TYPENSCHILD
0 C 20	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 3	43.01.0108 1		Label	ESE-WARNSCHILD
0 C 21	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 10	1.940.480.01 1			FRONTPLATTE TDIF IN
0 C 22	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 11	1.940.600.04 1			GRIFFEINLAGE 4TE
0 C 23	not used 1 pce	100p	CER 50V, 5%, C0G, 0603		0	MP 12	49.02.0520 2		M2.5*12	Rändelschraube (Rack)
0 C 24	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 13	49.02.0521 2		-	Metall-Buchse (Rack)
0 C 25	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	MP 14	49.02.0523 1		M2.5*7	Senk-Schr, KS, Senkripp
0 C 26	59.60.2241 1 pce	47p	CER 50V, 5%, C0G, 0603		0	MP 15	21.53.0284 1		M2.5*16	Z-Schraube Inbus Zn gb chr
0 C 27 0 C 28	not used 1 pce not used 1 pce	100p	CER 50V, 5%, C0G, 0603 CER 50V, 10%, X7R, 0805		0	MP 16	49.02.0504 1		4TE	Frontplatten-Griff
0 C 28 0 C 29	59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805		0	MP 17	49.02.0522 1			Kartenhalter mit Z-Schr
	59.60.3337 1 pce		CER 50V, 10%, X7R, 0805		0	MP 18	49.02.0522 1	рсе		Kartenhalter mit Z-Schr
0 C 30 0 C 31	59.68.0067 1 pce	100n 22u	EL 16V, 5.0*5.7		0	MP 19	28.99.0119 2			ROHRNIETE D 2.5*0.15* 9
0 C 32	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7		0	P 1	not used 1	pce	15p	D-Sub, PCB, Winkel
0 C 32	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	P 2	not used 1	pce	16p	Stecker gerade Au
0 C 34	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805		0	P 3	not used 1	pce	15p	D-Sub, PCB, Winkel
0 C 35	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7		0	P 4	not used 1	pce	16p	Stecker gerade Au
0 C 36	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603		0	P 5	not used 1	pce	2*3p	Pin 0.63*0.63, RM2.54
0 C 37	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	R 1	not used 1	pce	27R	MF, 1%, 0204, E24
0 C 38	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	R 2	not used 1	pce	22R	MF, 1%, 0204, E24
0 C 39	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	R 3	not used 1		100k	MF, 1%, 0204, E24
0 C 40	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R 4	not used 1		220R	MF, 1%, 0204, E24
0 C 41	not used 1 pce	100p	CER 50V, 5%, C0G, 0603		0	R 5	not used 1		220R	MF, 1%, 0204, E24
0 C 42	not used 1 pce	100n	CER 50V, 10%, X7R, 0805			R 6	57.69.1097 1		10k	CF 5% 0603
0 C 43	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R7	57.69.1097 1		10k	CF 5% 0603
0 C 44	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R8	57.69.1097 1		10k	CF 5% 0603
0 C 45	not used 1 pce	100p	CER 50V, 5%, C0G, 0603			R 9 R 10	57.69.1097 1		10k 2k2	CF 5% 0603 MF, 1%, 0204, E24
0 C 46	not used 1 pce	100n	CER 50V, 10%, X7R, 0805			R 11	57.60.1222 1 57.60.1472 1		4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 47	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R 12	57.60.1101 1		100R	MF, 1%, 0204, E24
0 C 48	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R 13	57.60.1222 1		2k2	MF, 1%, 0204, E24
0 C 49	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7			R 14	57.60.1472 1		4k7	MF, 1%, 0204, E24
0 C 50	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			R 15	57.60.1101 1		100R	MF, 1%, 0204, E24
0 C 51	not used 1 pce	100p	CER 50V, 5%, COG, 0603			R 16	57.60.1222 1		2k2	MF, 1%, 0204, E24
0 C 52 0 C 53	not used 1 pce 59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805			R 17	57.60.1472 1		4k7	MF, 1%, 0204, E24
0 C 54	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		0	R 18	57.60.1101 1	рсе	100R	MF, 1%, 0204, E24
0 C 55	59.60.3337 1 pce	100п	CER 50V, 10%, X7R, 0805		0	R 19	not used 1	pce	27R	MF, 1%, 0204, E24
0 D1	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		0	R 20	57.69.1097 1		10k	CF 5% 0603
0 D2	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 21	57.69.1097 1		10k	CF 5% 0603
0 D3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		0	R 22	57.60.1222 1		2k2	MF, 1%, 0204, E24
0 D4	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 23	57.60.1472 1		4k7	MF, 1%, 0204, E24
0 D5	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 24	57.60.1101 1 57.60.1222 1		100R	MF, 1%, 0204, E24
0 D6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 25 R 26	57.60.1222 1 57.60.1472 1		2k2 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D7	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 27	57.60.1472 1		100R	MF, 1%, 0204, E24
0 D8	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 28	57.92.7053 1		1.6A	PTC 30V
0 D9	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 29	not used 1		22R	MF, 1%, 0204, E24
0 D10	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80			R 30	not used 1		2k2	MF, 1%, 0204, E24
0 D11	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80		0	R 31	not used 1		10k	CF 5% 0603
0 D12 0 D13	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80			R 32	57.60.1222 1		2k2	MF, 1%, 0204, E24
0 D13	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 33	57.60.1472 1	рсе	4k7	MF, 1%, 0204, E24
0 D15	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		0	R 34	57.60.1101 1	рсе	100R	MF, 1%, 0204, E24
0 D16	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		0	R 35	57.60.1222 1		2k2	MF, 1%, 0204, E24
0 D17	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 36	57.60.1472 1		4k7	MF, 1%, 0204, E24
0 D18	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 37	57.60.1101 1		100R	MF, 1%, 0204, E24
0 D 19	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 38	not used 1		27R	MF, 1%, 0204, E24
0 D 20	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 39	not used 1		1k0	MF, 1%, 0204, E24
0 D 21	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		0	R 40 R 41	not used 1 not used 1		22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D 22	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 42	57.69.1097 1		10k	MF, 1%, 0204, E24 CF 5% 0603
0 D 23	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 43	not used 1		27R	MF, 1%, 0204, E24
0 D 24	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 44	not used 1		2/K 2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D 25	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 45	57.69.1097 1		10k	CF 5% 0603
0 D 26	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 46	not used 1		1k0	MF, 1%, 0204, E24
0 D 27	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 47	not used 1		22R	MF, 1%, 0204, E24
0 D 28	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80			R 48	57.60.1100 1		10R	MF, 1%, 0204, E24
0 D 29 0 DL 1	50.60.8001 1 pce not used 1 pce	4448 HLMP1790	200mA 75V 4ns SOD 80 DL HLMP - 1790 GN		0	R 49	57.60.1103 1		10k	MF, 1%, 0204, E24
0 DL 1 0 DL 2	50.04.2202 1 pce	HLMP1790 HLMP1790	DL HLMP - 1790 GN DL HLMP - 1790 GN			R 50	57.69.1073 1		1k0	CF 5% 0603
0 IC 1	not used 1 pce	DS34C87	4*RS 422 Line Driver		0	R 51	not used 1	pce	27R	MF, 1%, 0204, E24
3 .5 1	1101 accu 1 pcc	500.001								

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Description

ldx. Pos. Part No. Qty. Type/Val.

TDIFI, TDIF in 1.940.480.20 (0)

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	<i>)</i> F 5			1.540	ITOUILO	(0)
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	
0	R 52	57.60.1103 1	nce	10k	MF, 1%, 0204, E24	
	R 53	57.60.1103 1		10k	MF, 1%, 0204, E24	
	R 54	57.69.1097 1		10k	CF 5% 0603	
	R 55	57.69.1097 1		10k	CF 5% 0603	
	R 56	57.69.1097 1		10k	CF 5% 0603	
		57.69.1097 1	•	10k	CF 5% 0603	
	R 57					
	R 58	not used 1	•	22R	MF, 1%, 0204, E24	
	R 59	57.60.1562 1		5k6	MF, 1%, 0204, E24	
	R 60	57.60.1822 1		8k2	MF, 1%, 0204, E24	
	R 61	57.60.1183 1		18k	MF, 1%, 0204, E24	
	R 62	57.60.1104 1		100k	MF, 1%, 0204, E24	
	R 63	57.60.1100 1		10R	MF, 1%, 0204, E24	
	R 64	57.69.1097 1		10k	CF 5% 0603	
	R 65	57.69.1097 1		10k	CF 5% 0603	
	R 66	not used 1		27R	MF, 1%, 0204, E24	
	R 67	57.60.1101 1		100R	MF, 1%, 0204, E24	
	R 68	not used 1		22R	MF, 1%, 0204, E24	
	R 69	not used 1		2k2	MF, 1%, 0204, E24	
	R 70	57.60.1220 1		22R	MF, 1%, 0204, E24	
	R 71	57.60.1220 1		22R	MF, 1%, 0204, E24	
	R 72	57.60.1220 1		22R	MF, 1%, 0204, E24	
0	R 73	not used 1	pce	27R	MF, 1%, 0204, E24	
0	R 74	not used 1		22R	MF, 1%, 0204, E24	
0	R 75	57.69.1073 1	pce	1k0	CF 5% 0603	
0	R 76	57.60.1222 1	pce	2k2	MF, 1%, 0204, E24	
0	R 77	57.60.1472 1	pce	4k7	MF, 1%, 0204, E24	
0	R 78	57.60.1101 1	pce	100R	MF, 1%, 0204, E24	
0	R 79	57.60.1222 1	pce	2k2	MF, 1%, 0204, E24	
0	R 80	57.60.1472 1	рсе	4k7	MF, 1%, 0204, E24	
0	R 81	57.60.1101 1	рсе	100R	MF, 1%, 0204, E24	
0	R 82	57.60.1102 1	рсе	1k0	MF, 1%, 0204, E24	
	R 83	57.60.1473 1		47k	MF, 1%, 0204, E24	
	R 84	57.69.1097 1		10k	CF 5% 0603	
	R 85	57.69.1097 1		10k	CF 5% 0603	
	R 86	57.60.1222 1		2k2	MF, 1%, 0204, E24	
	R 87	57.60.1472 1		4k7	MF, 1%, 0204, E24	
	R 88	57.60.1101 1		100R	MF, 1%, 0204, E24	
	R 89	57.60.1222 1		2k2	MF, 1%, 0204, E24	
	R 90			4k7	MF, 1%, 0204, E24	
		57.60.1472 1				
	R 91	57.60.1101 1		100R	MF, 1%, 0204, E24	
	R 92	57.60.1000 1		0R0	MF, 0204	
	R 93	not used 1		27R	MF, 1%, 0204, E24	
	R 94	not used 1		2k2	MF, 1%, 0204, E24	
	R 95	57.60.1222 1		2k2	MF, 1%, 0204, E24	
	R 96	57.60.1472 1		4k7	MF, 1%, 0204, E24	
	R 97	57.60.1101 1		100R	MF, 1%, 0204, E24	
	R 98	57.60.1222 1		2k2	MF, 1%, 0204, E24	
	R 99	57.60.1472 1		4k7	MF, 1%, 0204, E24	
0	R 100	57.60.1101 1		100R	MF, 1%, 0204, E24	
	R 101	57.60.1222 1	pce	2k2	MF, 1%, 0204, E24	
	R 102	57.60.1472 1		4k7	MF, 1%, 0204, E24	
	R 103	57.60.1101 1		100R	MF, 1%, 0204, E24	
0	R 104	not used 1		22R	MF, 1%, 0204, E24	
	S 1	55.01.0164 1	pce	4*a	DIL-Switch, PCB	
0	T 1	not used 1	pce	1:1.4	OUTPUT TRAFO AES/EE	U
0	T 2	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
0	Т 3	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
0	T 4	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
0	T 5	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
0	Т 6	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
0	Т 7	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
0	Т8	not used 1	рсе	1:1.4	OUTPUT TRAFO AES/EB	U
	Т 9	not used 1		1:1	DI/DO TRANSFORMER	
0 .	TP 1	54.33.6010 1		2.8*0.8	PCB-Flachstecker, gerade	
	IF I				LED-Sockel	
0	XDL 2	50.20.2501 1	pce	Spacer	LLD-30CKEI	
0 2		50.20.2501 1 53.03.2284 1		84p	PLCC-Socket	

End of List

TDIFI, TDIF In with AES Out 1.940.481.20 (1)

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					\ -/		r age. r o
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 C1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 2	50.62.0913 1 pce	CS8412	AES-Receiver
0 C2	59.60.2249 1 pce	100p	CER 50V, 5%, COG, 0603	0 IC 3	50.62.0463 1 pce	DS34C86	4*RS 422 Line Receiver
0 C3	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 4	50.62.1165 1 pce	74HC165	8bit shift register
0 C4	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 5	50.62.1541 1 pce	74HC541	Octal buffer line driver/recei
0 C5	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 6	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver
0 06	59.60.3325 1 pce	10n	CER 50V. 10%, X7R, 0805	0 IC 7	50.06.0541 1 pce	74LS541	SN 74 LS 541 N
0 C7	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 IC 8	50.06.0541 1 pce	74LS541	SN 74 LS 541 N
0 C8	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 9	50.61.0205 1 pce	TS272CD	Dual Op-Amp CMOS SO 8
0 C9	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 10	50.62.4946 1 pce	74HCT9046	PLL with bandgap contr VCO
0 C 10	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 11	50.62.6014 1 pce	74ACT 14	Hex inverting Schmitt trigger
0 C11	59.68.0069 1 pce	47u	EL 16V, 6.3*5.7	0 IC 12	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver
0 C 12	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 13	50.63.4210 1 pce	EPF10K10	PLD 10 000 gates
0 C 13	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 IC 14	1.940.985.20 1 pce		SW480 TDIFIN (50.63.4298)
0 C 14	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 15	50.62.1541 1 pce	74HC541	Octal buffer line driver/recei
0 C 15	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 IC 16	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver
0 C 16	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 J1	54.11.2009 1 pce	96p	EU-R 3*32p
0 C 17	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 J2	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au
0 C 18	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 J3	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au
0 C 19	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP1	1.940.480.11 1 pce		D19M TDIF IN PCB
0 C 20	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 2	1.940.481.04 1 pce		TYPENSCHILD
0 C 21	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP3	43.01.0108 1 pce	Label	ESE-WARNSCHILD
0 C 22	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 10	1.940.481.01 1 pce		FRONTPLATTE TDIF IN/AES OUT
0 C 23	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE
0 C 24	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
0 C 25	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)
0 C 26	59.60.2241 1 pce	47p	CER 50V, 5%, C0G, 0603	0 MP 14	not used 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0 C 27	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 MP 15	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0 C 28	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff
0 C 29	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 17	49.02.0522 1 pce		Kartenhalter mit Z-Schr
0 C 30	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 18	not used 1 pce		Kartenhalter mit Z-Schr
0 C 31	59.68.0067 1 pce	22u	EL 16V, 5.0*5.7	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
0 C 32	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	1 MP 20	54.13.0081 4 pcs	4.85mm	Bolzen UNC 4-40
0 C 33	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	1 MP 21	24.16.2025 4 pcs	2.7/5.5	Fächerscheibe Form A
0 C 34	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805	0 P1	54.13.0077 1 pce	15p	D-Sub, PCB, Winkel
0 C 35	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 P2	not used 1 pce	16p	Stecker gerade Au
0 C 36	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 P3	54.13.0077 1 pce	15p	D-Sub, PCB, Winkel
0 C 37	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 P4	not used 1 pce	16p	Stecker gerade Au
0 C 38	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 P5	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54
0 C 39	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R1	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 C 40	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R2	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 C 41	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 R3	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
0 C 42	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R4	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 C 43	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R5	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 C 44	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R6	57.69.1097 1 pce	10k	CF 5% 0603
0 C 45	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 R7	57.69.1097 1 pce	10k	CF 5% 0603
0 C 46	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R8	57.69.1097 1 pce	10k	CF 5% 0603
0 C 47	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R9	57.69.1097 1 pce	10k	CF 5% 0603
0 C 48	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 10	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 49	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R 11	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 C 50	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 12	57.60.1101 1 pce	100R	MF, 1%, 0204, E24
0 C 51	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 R 13	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 52	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 14	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 C 53	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 15	57.60.1101 1 pce	100R	MF, 1%, 0204, E24
0 C 54	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 16	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 55	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 17	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 D1	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 18	57.60.1101 1 pce	100R	MF, 1%, 0204, E24
0 D2	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 19	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 D3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 20	57.69.1097 1 pce	10k	CF 5% 0603
0 D4	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 21	57.69.1097 1 pce	10k	CF 5% 0603
0 D5	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 22	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 D6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 23	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 D7	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 24	57.60.1101 1 pce	100R	MF, 1%, 0204, E24
0 D8	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 25	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 D9	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 26	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 D 10	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 27	57.60.1101 1 pce	100R	MF, 1%, 0204, E24
0 D11	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 28	57.92.7053 1 pce	1.6A	PTC 30V
0 D12	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 29	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 D13	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 30	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 D14	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 31	57.69.1097 1 pce	10k	CF 5% 0603
0 D 15	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 32	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 D16	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 33	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 D 17	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 34	57.60.1101 1 pce	100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D18	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R35 0 R36	57.60.1222 1 pce 57.60.1472 1 pce	2k2 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D 19	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		•	4k7	MF, 1%, 0204, E24
0 D 20	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		57.60.1101 1 pce	100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D 21	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R38 0 R39	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 D 22	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		57.60.1102 1 pce	1k0 22B	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D 23	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		57.60.1220 1 pce	22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 D 24	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 41	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 D 25	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 42	57.69.1097 1 pce	10k	CF 5% 0603 ME 1% 0204 E24
0 D 26	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 43	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 D 27	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 44	57.60.1222 1 pce	2k2	MF. 1%. 0204, E24
0 D 28	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 45	57.69.1097 1 pce	10k	CF 5% 0603 ME 1% 0204 E24
0 D 29	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 46	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 DL 1	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0 R 47	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 01 0	not used 1 pce	HLMP1790	DL HLMP - 1790 GN	0 R 48	57.60.1100 1 pce 57.60.1103 1 pce	10R 10k	MF, 1%, 0204, E24
0 DL 2 0 IC 1	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver	0 R 49			MF, 1%, 0204, E24

Date printed: 16.09.02



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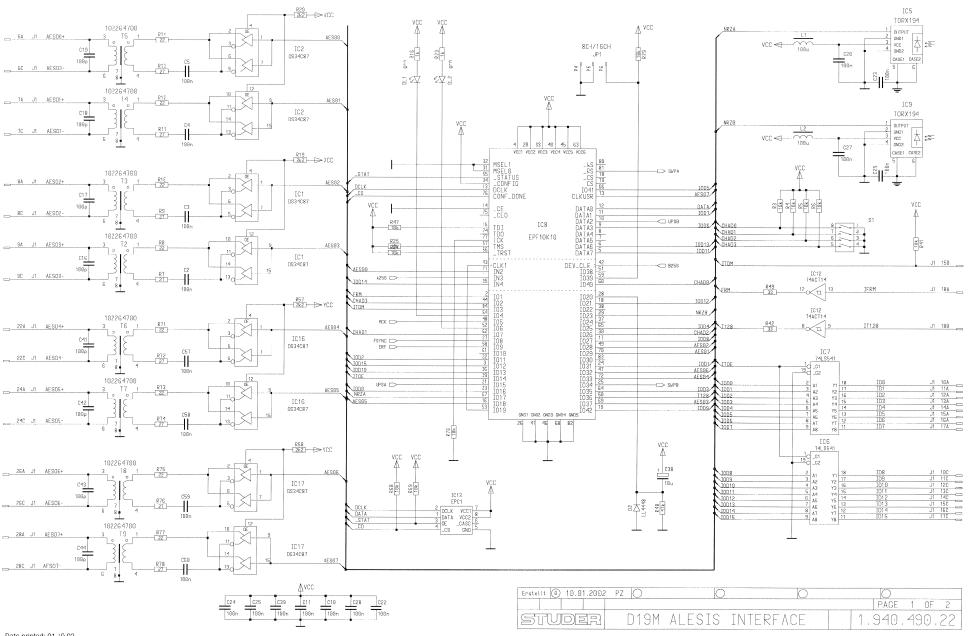
	JIFI,		988	AAIFII	AES Out	1.940.40		(' /				Page: 2 of 2
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description		ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0	R 50	57.69.1073 1	pce	1k0	CF 5% 0603							
	R 51	57.60.1270 1		27R	MF, 1%, 0204, E24							
	R 52	57.60.1103 1		10k	MF, 1%, 0204, E24							
	R 53	57.60.1103 1		10k	MF, 1%, 0204, E24							
	R 54	57.69.1097 1		10k	CF 5% 0603 CF 5% 0603							
	R 55	57.69.1097 1 57.69.1097 1		10k 10k	CF 5% 0603							
	R 56 R 57	57.69.1097 1		10k	CF 5% 0603							
	R 58	57.60.1220 1		22R	MF, 1%, 0204, E24							
	R 59	57.60.1562 1		5k6	MF, 1%, 0204, E24							
	R 60	57.60.1822 1		8k2	MF, 1%, 0204, E24							
	R 61	57.60.1183 1		18k	MF, 1%, 0204, E24							
0	R 62	57.60.1104 1		100k	MF, 1%, 0204, E24							
0	R 63	57.60.1100 1	pce	10R	MF, 1%, 0204, E24							
0	R 64	57.69.1097 1		10k	CF 5% 0603							
	R 65	57.69.1097 1		10k	CF 5% 0603							
	R 66	57.60.1270 1		27R	MF, 1%, 0204, E24							
	R 67	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 68	57.60.1220 1		22R	MF, 1%, 0204, E24							
	R 69	57.60.1222 1		2k2	MF, 1%, 0204, E24							
	R 70	57.60.1220 1		22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 71 R 72	57.60.1220 1 57.60.1220 1		22R 22R	MF, 1%, 0204, E24							
	R 73	57.60.1270 1		27R	MF, 1%, 0204, E24							
	R 74	57.60.1220 1		22R	MF, 1%, 0204, E24							
	R 75	57.69.1073 1		1k0	CF 5% 0603							
	R 76	57.60.1222 1		2k2	MF, 1%, 0204, E24							
	R 77	57.60.1472 1	pce	4k7	MF, 1%, 0204, E24							
0	R 78	57.60.1101 1	pce	100R	MF, 1%, 0204, E24							
0	R 79	57.60.1222 1	pce	2k2	MF, 1%, 0204, E24							
	R 80	57.60.1472 1		4k7	MF, 1%, 0204, E24							
	R 81	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 82	not used 1		1k0	MF, 1%, 0204, E24							
	R 83	57.60.1473 1		47k	MF, 1%, 0204, E24							
	R 84	57.69.1097 1		10k	CF 5% 0603							
	R 85	57.69.1097 1		10k	CF 5% 0603 MF, 1%, 0204, E24							
	R 86 R 87	57.60.1222 1 57.60.1472 1		2k2 4k7	MF, 1%, 0204, E24							
	R 88	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 89	57.60.1222 1		2k2	MF, 1%, 0204, E24							
	R 90	57.60.1472 1		4k7	MF, 1%, 0204, E24							
	R 91	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 92	not used 1		0R0	MF, 0204							
0	R 93	57.60.1270 1	pce	27R	MF, 1%, 0204, E24							
0	R 94	57.60.1222 1	pce	2k2	MF, 1%, 0204, E24							
0	R 95	57.60.1222 1	pce	2k2	MF, 1%, 0204, E24							
0	R 96	57.60.1472 1	pce	4k7	MF, 1%, 0204, E24							
	R 97	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 98	57.60.1222 1		2k2	MF, 1%, 0204, E24							
	R 99	57.60.1472 1		4k7	MF, 1%, 0204, E24							
	R 100	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 101 R 102	57.60.1222 1 57.60.1472 1		2k2 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 102	57.60.1101 1		100R	MF, 1%, 0204, E24							
	R 104	57.60.1220 1		22R	MF, 1%, 0204, E24							
	S 1	55.01.0164 1		4*a	DIL-Switch, PCB							
		1.022.647.00 1		1:1.4	OUTPUT TRAFO AES.	/EBU						
0	T 2	1.022.647.00 1	pce	1:1.4	OUTPUT TRAFO AES	/EBU						
0	T 3	1.022.647.00 1	pce	1:1.4	OUTPUT TRAFO AES							
		1.022.647.00 1		1:1.4	OUTPUT TRAFO AES							
		1.022.647.00 1		1:1.4	OUTPUT TRAFO AES							
		1.022.647.00 1		1:1.4	OUTPUT TRAFO AES							
		1.022.647.00 1		1:1.4	OUTPUT TRAFO AES							
		1.022.647.00 1 1.022.632.00 1		1:1.4	OUTPUT TRAFO AES							
	T9 TP1	1.022.632.00 1 54.33.6010 1		1:1 2.8*0.8	DI/DO TRANSFORME PCB-Flachstecker, gera							
	XDL 1	50.20.2501		Spacer	LED-Sockel							
	XIC 13	53.03.2284 1	pce	84p	PLCC-Socket							

End of List

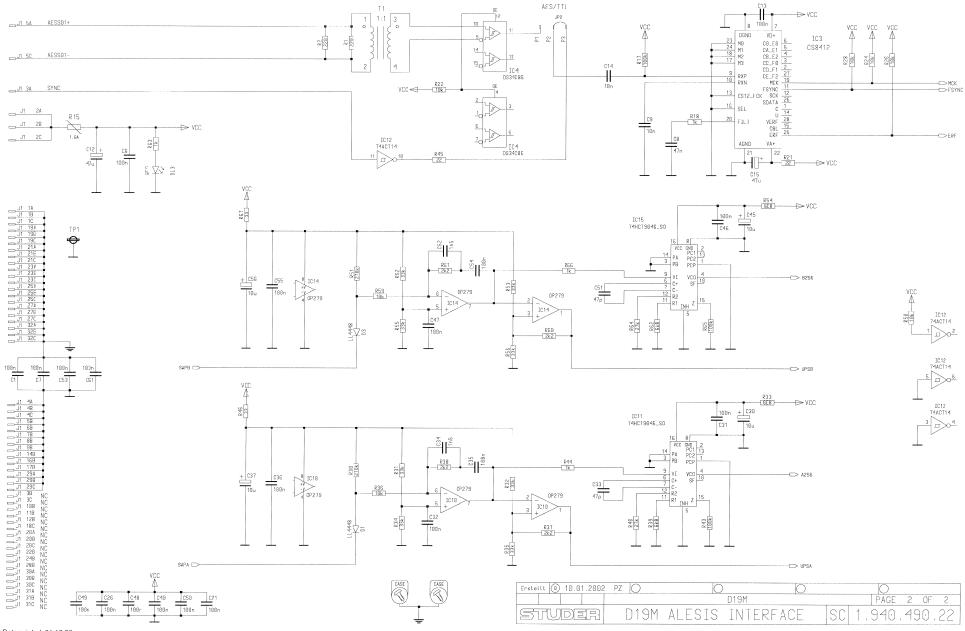
(01) Additionally MP20 and MP21

Date printed: 16.09.02

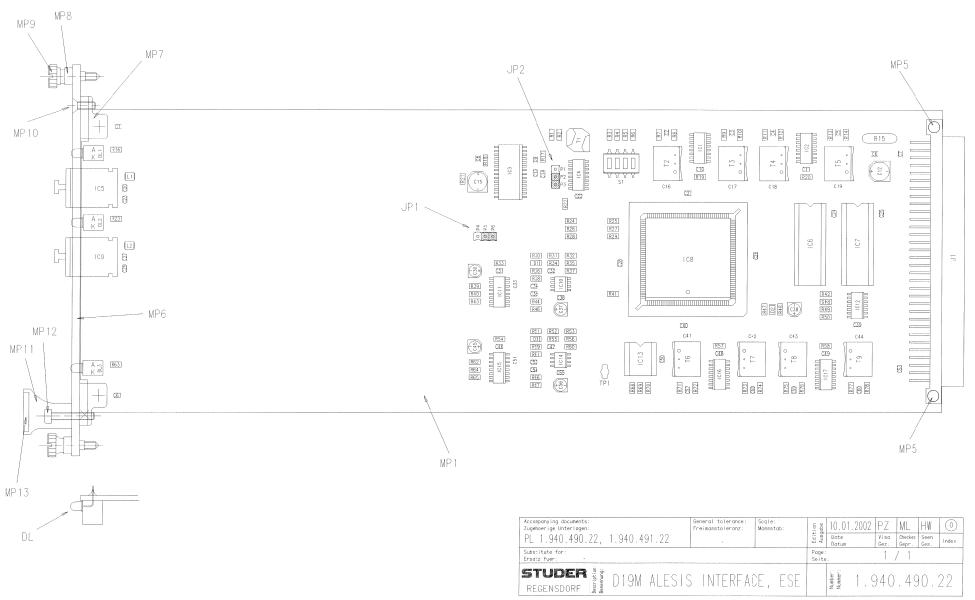
ADATII, ADAT Interface 1.940.490.22 (0); ADAT Interface w. AES Out 1.940.491.22 (0)



ADATII, ADAT Interface 1.940.490.22 (0); ADAT Interface w. AES Out 1.940.491.22 (0)



ADATII, ADAT Interface 1.940.490.22 (0); ADAT Interface w. AES Out 1.940.491.22 (0)



ADATI, ADAT Interface 1.940.490.22 (1)

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AUAI	I, ADA I	men	ace 1.940.490.	•	•,			Page: 1 of 2
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx	. Pos.	Part No. Qty.	Type/Val.	Description
0 C1	59.60.3337 1 pce	100п	CER 50V, 10%, X7R, 0805	0	L1	62.60.0125 1 pce	100uH	SMD 10% 1210
0 C1	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0		62.60.0125 1 pce	100uH	SMD 10% 1210
0 C3	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0	MP 1	1.940.490.12 1 pce		D19M ALESIS Interface PCB
0 C4	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0	MP 2	43.01.0108 1 pce	Label	ESE-WARNSCHILD
0 C 5	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0		1.940.490.04 1 pce		TYPENSCHILD
0 06	59 60 3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		1.101.001.22 1 pce		TEXT-ETIK. 5*20 HARDWARE -22
0 C7	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		28.99.0119 2 pcs 1.940.490.01 1 pce		ROHRNIETE D 2.5*0.15* 9 FRONTPLATTE ALESIS
0 C8	not used 1 pce	47n	CER 50V, 10%, X7R, 0805		MP 7	49.02.0522 2 pcs		Kartenhalter mit Z-Schr
0 C 9	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0		49.02.0521 2 pcs		Metall-Buchse (Rack)
0 C 10	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
0 C 11	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0 C 12 0 C 13	59.68.0069 1 pce not used 1 pce	47u 100n	EL 16V, 6.3*5.7 CER 50V, 10%, X7R, 0805	0	MP 11	49.02.0504 1 pce	4TE	Frontplatten-Griff
0 C 14	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0	MP 12	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0 C 15	not used 1 pce	47u	EL 16V, 6.3*5.7	0		1.940.600.04 1 pce		GRIFFEINLAGE 4TE
0 C 16	not used 1 pce	100p	CER 50V, 5%, C0G, 0603	0		not used 1 pce	1p	Pin, 1reihig, gerade
0 C 17	not used 1 pce	100p	CER 50V, 5%, C0G, 0603		P 2	not used 1 pce	1p	Pin, 1reihig, gerade
0 C 18	not used 1 pce	100p	CER 50V, 5%, C0G, 0603	0		not used 1 pce	1p	Pin, 1reihig, gerade
0 C 19	not used 1 pce	100p	CER 50V, 5%, C0G, 0603	0		54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0 C 20	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		P 6	54.01.0020 1 pce 54.01.0020 1 pce	1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade
0 C 21	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		not used 1 pce	220R	MF, 1%, 0204, E24
0 C 22	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		not used 1 pce	220R	MF, 1%, 0204, E24
0 C 23	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 24	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 25 0 C 26	59.60.3337 1 pce 59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 26	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 28	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		not used 1 pce	27R	MF, 1%, 0204, E24
0 C 29	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		not used 1 pce	22R	MF, 1%, 0204, E24
0 C 30	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0		not used 1 pce	27R	MF, 1%, 0204, E24
0 C 31	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		not used 1 pce	22R	MF, 1%, 0204, E24
0 C 32	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		not used 1 pce	27R	MF, 1%, 0204, E24
0 C 33	59.60.2241 1 pce	47p	CER 50V, 5%, C0G, 0603	0		not used 1 pce	22R 27R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 34	59.60.3315 1 pce	1n5	CER 50V, 10%, X7R, 0805	0		not used 1 pce not used 1 pce	27R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 35	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		R 15	57.92.7053 1 pce	1.6A	PTC 30V
0 C 36	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 C 37	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0		not used 1 pce	100k	MF, 1%, 0204, E24
0 C38 0 C39	59.68.0065 1 pce	10u 100n	EL 16V, 4.0*5.7 CER 50V, 10%, X7R, 0805	0		not used 1 pce	1k0	MF, 1%, 0204, E24
0 C 40	59.60.3337 1 pce 59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	R 19	not used 1 pce	2k2	MF, 1%, 0204, E24
0 C 41	not used 1 pce	100p	CER 50V, 5%, COG, 0603	0	R 20	not used 1 pce	2k2	MF, 1%, 0204, E24
0 C 42	not used 1 pce	100p	CER 50V, 5%, C0G, 0603	0		not used 1 pce	22R	MF, 1%, 0204, E24
0 C 43	not used 1 pce	100p	CER 50V, 5%, C0G, 0603	0		not used 1 pce	10k	MF, 1%, 0204, E24
0 C 44	not used 1 pce	100p	CER 50V, 5%, C0G, 0603		R 23	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 C 45	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0		57.60.1103 1 pce	10k 10k	MF, 1%, 0204, E24
0 C 46	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1103 1 pce 57.60.1103 1 pce	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 47	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		R 27	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 48	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 49 0 C 50	59.60.3337 1 pce 59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0	R 29	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 50	59.60.2241 1 pce	47p	CER 50V, 5%, C0G, 0603	0	R 30	57.60.1274 1 pce	270k	MF, 1%, 0204, E24
0 C 52	59.60.3315 1 pce	1n5	CER 50V, 10%, X7R, 0805	0		57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 C 53	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	R 32	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 C 54	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	R 33	57.60.1689 1 pce	6R8	MF, 1%, 0204, E24
0 C 55	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	R 34 R 35	57.60.1333 1 pce	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 56	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0	R 36	57.60.1333 1 pce 57.60.1103 1 pce	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 57	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 58	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 59 0 C 60	not used 1 pce not used 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		57.60.1682 1 pce	6k8	MF, 1%, 0204, E24
0 C 60	59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		57.60.1273 1 pce	27k	MF, 1%, 0204, E24
0 D1	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0	R 41	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 D2	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0	R 42	57.60.1330 1 pce	33R	MF, 1%, 0204, E24
0 D3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		57.60.1104 1 pce	100k	MF, 1%, 0204, E24
0 DL 1	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0	R 44 R 45	57.60.1102 1 pce	1k0 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 DL 2	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0	R 46	not used 1 pce 57.60.1330 1 pce	33R	MF, 1%, 0204, E24
0 DL3	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC1	not used 1 pce	DS34C87	4*RS 422 Line Driver	0		57.60.1473 1 pce	47k	MF, 1%, 0204, E24
0 IC 2 0 IC 3	not used 1 pce not used 1 pce	DS34C87 CS8412	4*RS 422 Line Driver AES-Receiver	0		57.60.1330 1 pce	33R	MF, 1%, 0204, E24
0 IC 3 0 IC 4	not used 1 pce	DS34C86	4*RS 422 Line Receiver	0	R 50	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 5	89.10.0131 1 pce	TORX194	Toslink Receiver	0	R 51	57.60.1274 1 pce	270k	MF, 1%, 0204, E24
0 IC 6	50.06.0541 1 pce	74LS541	SN 74 LS 541 N	0		57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 IC 7	50.06.0541 1 pce	74LS541	SN 74 LS 541 N	0		57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 IC 8	50.63.4210 1 pce	EPF10K10	PLD 10 000 gates	0	R 54	57.60.1689 1 pce	6R8 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 9	89.10.0131 1 pce	TORX194	Toslink Receiver	0	R 55 R 56	57.60.1333 1 pce 57.60.1333 1 pce	33k 33k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 10	50.61.0203 1 pce	OP279	Dual Op-Amp single supply	0		not used 1 pce	2k2	MF, 1%, 0204, E24
0 IC 11	50.62.4946 1 pce	74HCT9046	PLL with bandgap contr VCO	0		not used 1 pce	2k2	MF, 1%, 0204, E24
0 IC 12 0 IC 13	50.62.6014 1 pce	74ACT 14	Hex inverting Schmitt trigger	0	R 59	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 13 0 IC 14	1.940.956.20 1 pce 50.61.0203 1 pce	OP279	SW490 PADATI (50.63.4298) Dual Op-Amp single supply	0		57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 IC 14	50.62.4946 1 pce	74HCT9046	PLL with bandgap contr VCO	0	R 61	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 IC 16	not used 1 pce	DS34C87	4*RS 422 Line Driver	0	R 62	57.60.1682 1 pce	6k8	MF, 1%, 0204, E24
0 IC 17	not used 1 pce	DS34C87	4*RS 422 Line Driver	0	R 63	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 J1	54.11.2009 1 pce	96p	EU-R 3*32p	0	R 64	57.60.1273 1 pce	27k	MF, 1%, 0204, E24
0 JP 1	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0		57.60.1104 1 pce	100k	MF, 1%, 0204, E24
1 JP 2	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	U	R 66	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24

Date printed: 01.10.02

ADATI, ADAT Interface 1.940.490.22 (1)

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ldx.	Pos.	Part No. Qty	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description
0	R 67	57.60.1330 1 pce	33R	MF, 1%, 0204, E24					
0	R 68	57.60.1103 1 pce	10k	MF, 1%, 0204, E24					
0	R 69	57.60.1103 1 pce	10k	MF, 1%, 0204, E24					
0	R 70	57.60.1103 1 pce	10k	MF, 1%, 0204, E24					
0	R 71	not used 1 pce	22R	MF, 1%, 0204, E24					
0	R 72	not used 1 pce	27R	MF, 1%, 0204, E24					
0	R 73	not used 1 pce	22R	MF, 1%, 0204, E24					
0	R 74	not used 1 pce	27R	MF, 1%, 0204, E24					
0	R 75	not used 1 pce	22R	MF, 1%, 0204, E24					
0	R 76	not used 1 pce	27R	MF, 1%, 0204, E24					
0	R 77	not used 1 pce	22R	MF, 1%, 0204, E24					
0	R 78	not used 1 pee	27R	MF, 1%, 0204, E24					
0	S 1	55.60.0104 1 pce	4p	SMD DIL-Switch					
0	T 1	not used 1 pce	1:1	DI/DO TRANSFORMER					
0	T 2	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	T 3	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	T 4	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	T 5	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	T 6	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	T 7	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	T 8	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	Т9	not used 1 pce	1:1.4	OUTPUT TRAFO AES/EBU					
0	TP 1	54.02.0320 1 pce	1p	PCB-Flachst 2.8*0.8, gerade					
0	XDL 1	50.20.2501 1 pce	Spacer	LED-Sockel					
0	XDL 2	50.20.2501 1 pce	Spacer	LED-Sockel					
0	XDL 3	50.20.2501 1 pce	Spacer	LED-Sockel					
0	XIC 8	53.03.2284 1 pce	84p	PLCC-Socket					
	XIC 13	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade					

(01) JP2 Jumper is used

STUDER

ADATI, ADAT Interface w. AES Out 1.940.491.22 (0)

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	,					-,	1 ago. 1 o. 2
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 C1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 L1	62.60.0125 1 pce	100uH	SMD 10% 1210
0 C2	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 L2	62.60.0125 1 pce	100uH	SMD 10% 1210
0 C3	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP1	1.940.490.12 1 pce		D19M ALESIS Interface PCB
0 C 4	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 2	43.01.0108 1 pce	Label	ESE-WARNSCHILD
0 C 5		100n	CER 50V, 10%, X7R, 0805	0 MP3	1.940.490.04 1 pce		TYPENSCHILD
0 06	59.60.3337 1 pce 59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP4	1.101.001.22 1 pce		TEXT-ETIK. 5*20 HARDWARE -22
0 C7	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 5	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
		47n	CER 50V, 10%, X7R, 0805	0 MP 6	1.940.490.01 1 pce		FRONTPLATTE ALESIS
0 C8	59.60.3333 1 pce		CER 50V, 10%, X7R, 0805	0 MP7	49.02.0522 2 pcs		Kartenhalter mit Z-Schr
0 C 9 0 C 10	59.60.3325 1 pce	10n 100n	CER 50V, 10%, X/R, 0805	0 MP8	49.02.0521 2 pcs		Metall-Buchse (Rack)
	59.60.3337 1 pce		CER 50V, 10%, X7R, 0805	0 MP 9	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
0 C 11	59.60.3337 1 pce	100n		0 MP 10	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0 C 12	59.68.0069 1 pce	47u	EL 16V, 6.3*5.7	0 MP 11	49.02.0504 1 pce	4TE	Frontplatten-Griff
0 C 13	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 12	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0 C 14	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 MP 13	1.940.600.04 1 pce		GRIFFEINLAGE 4TE
0 C 15	59.68.0069 1 pce	47u	EL 16V, 6.3*5.7	0 P1	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0 C 16	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 P2	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0 C 17	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 P3	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0 C 18	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 P4	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0 C 19	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 P5	54.01.0020 1 pce		Pin, 1reinig, gerade
0 C 20	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			1p	
0 C 21	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		54.01.0020 1 pce	1p	Pin, 1reihig, gerade
0 C 22	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R1	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 C 23	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R2	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 C 24	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R3	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 25	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R4	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 26	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R5	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 27	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R6	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 28	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R7	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 C 29	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R8	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 C 30	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R9	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 C 31	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 10	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 C 32	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 11	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 C 33	59.60.2241 1 pce	47p	CER 50V, 5%, C0G, 0603	0 R 12	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 C 34	59.60.3315 1 pce	1n5	CER 50V, 10%, X7R, 0805	0 R 13	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 C 35	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 14	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 C 36	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 15	57.92.7053 1 pce	1.6A	PTC 30V
0 C 37	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R 16	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 C 38	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R 17	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
0 C 39	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 18	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 C 40	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 19	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
		100n	CER 50V, 10%, X/N, 0003	0 R 20	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 41	59.60.2249 1 pce	•		0 R 21	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 C 42	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 R 22	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 43	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 R 23	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 C 44	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 R 24	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 45	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R 25	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 46	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 26	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 47	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 27	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 48	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 28	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 49	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 29	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 50	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 30	57.60.1274 1 pce	270k	MF, 1%, 0204, E24
0 C 51	59.60.2241 1 pce	47p	CER 50V, 5%, C0G, 0603	0 R 31	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 C 52	59.60.3315 1 pce	1n5	CER 50V, 10%, X7R, 0805	0 R 32	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 C 53	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 33	57.60.1689 1 pce	6R8	MF, 1%, 0204, E24
0 C 54	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 34	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 C 55	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 35	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 C 56	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R 36	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 C 57	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 37	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 58	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 38	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24
0 C 59	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 39	57.60.1582 1 pce	6k8	MF, 1%, 0204, E24
0 C 60	59.60.3337 1 pce	100n	CER 50V. 10%. X7R, 0805	0 R 40	57.60.1273 1 pce	27k	MF, 1%, 0204, E24
0 C 61	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R41	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 D1	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 42	57.60.1330 1 pce	33R	MF, 1%, 0204, E24
0 D2	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 43	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
0 D3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 44	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 DL 1	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0 R 45	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
0 DL 2	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0 R 46	57.60.1330 1 pce	33R	MF, 1%, 0204, E24
0 DL 3	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN	0 R 47	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC1	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver	0 R48	57.60.1473 1 pce	47k	MF, 1%, 0204, E24
0 IC 2	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver	0 R 49	57.60.1330 1 pce	33R	MF, 1%, 0204, E24
0 IC 3	50.62.0913 1 pce	CS8412	AES-Receiver	0 R 50	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 4	50.62.0463 1 pce	DS34C86	4*RS 422 Line Receiver	0 R 51	57.60.1103 1 pce	270k	MF, 1%, 0204, E24
0 IC 5	89.10.0131 1 pce	TORX194	Toslink Receiver	0 R 52	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 IC 6	50.06.0541 1 pce	74LS541	SN 74 LS 541 N	0 R 53	57.60.1333 1 pce	33k 33k	MF, 1%, 0204, E24
0 IC7	50.06.0541 1 pce	74LS541	SN 74 LS 541 N	0 R 54	57.60.1689 1 pce	6R8	MF, 1%, 0204, E24
0 IC8	50.63.4210 1 pce	EPF10K10	PLD 10 000 gates	0 R 55	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 IC 9	89.10.0131 1 pce	TORX194	Toslink Receiver	0 R 56	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
0 IC 10	50.61.0203 1 pce	OP279	Dual Op-Amp single supply	0 R 57	57.60.1333 1 pce	2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 11	50.62.4946 1 pce	74HCT9046	PLL with bandgap contr VCO	0 R 58	57.60.1222 1 pce	2k2 2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 12	50.62.6014 1 pce	74ACT 14	Hex inverting Schmitt trigger	0 R 59	57.60.1222 1 pce 57.60.1103 1 pce	2K2 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 13	1.940.956.20 1 pce		SW490 PADATI (50.63.4298)	0 R 59 0 R 60	57.60.1103 1 pce 57.60.1222 1 pce	10k 2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 14	50.61.0203 1 pce	OP279	Dual Op-Amp single supply	0 R 61	57.60.1222 1 pce	2k2 2k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	50.62.4946 1 pce	74HCT9046	PLL with bandgap contr VCO	0 R62	57.60.1222 1 pce 57.60.1682 1 pce	2K2 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 15		DS34C87	4*RS 422 Line Driver	0 R 63	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 16	50.62.0464 1 pce						
0 IC 16 0 IC 17	50.62.0464 1 pce	DS34C87	4*RS 422 Line Driver				
0 IC 16 0 IC 17 0 J 1	50.62.0464 1 pce 54.11.2009 1 pce	96p	EU-R 3*32p	0 R 64	57.60.1273 1 pce	27k	MF, 1%, 0204, E24
0 IC 16 0 IC 17	50.62.0464 1 pce						

Date printed: 01.10.02

ldx. Pos. Part No. Qty. Type/Val. Description

ADATI, ADAT Interface w. AES Out 1.940.491.22 (0) Page: 2 of 2

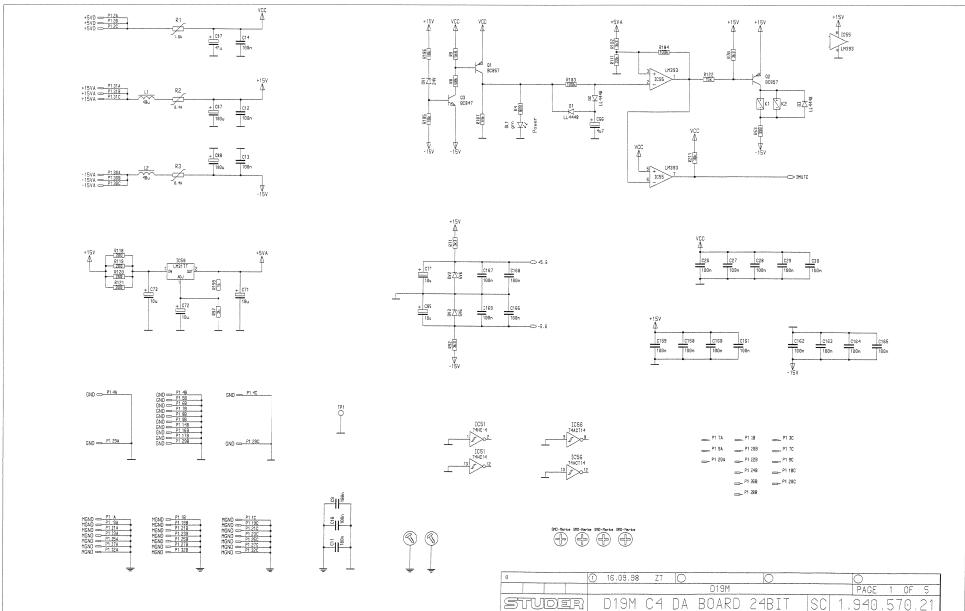
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 67	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 68	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 69	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 70	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 71	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 72	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 73	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 74	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 75	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 76	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 77	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 78	57.60.1270	1 pcc	27R	MF, 1%, 0204, E24
0	S 1	55.60.0104	1 pce	4p	SMD DIL-Switch
0	T 1	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 2	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 6	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 8	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 9	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 2	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 3	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 8	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 13	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

-- End of List --

CIRCUIT DIAGRAMS: D19m OUTPUT INTERFACE CARDS

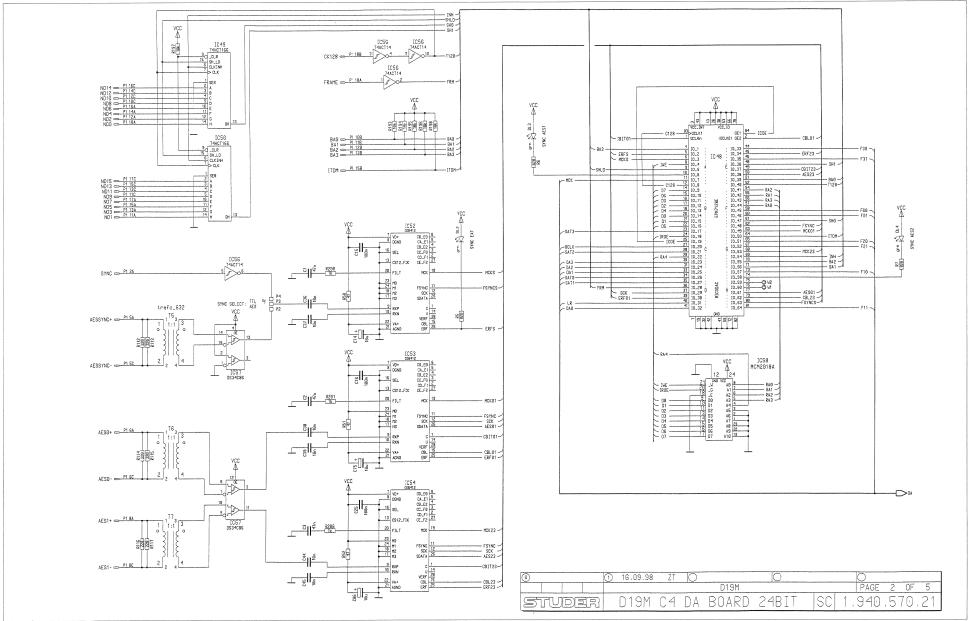
C4DA Board	1.940.570
C4DA/24/96 Board	1.940.571
AESO Board	1.940.585
Block Diagram MADO. MADO Coaxial. MADO Optical	1.940.520
MADO Optical	
TDIFO Board	
ADATO InterfaceADATO Interface with AES In	



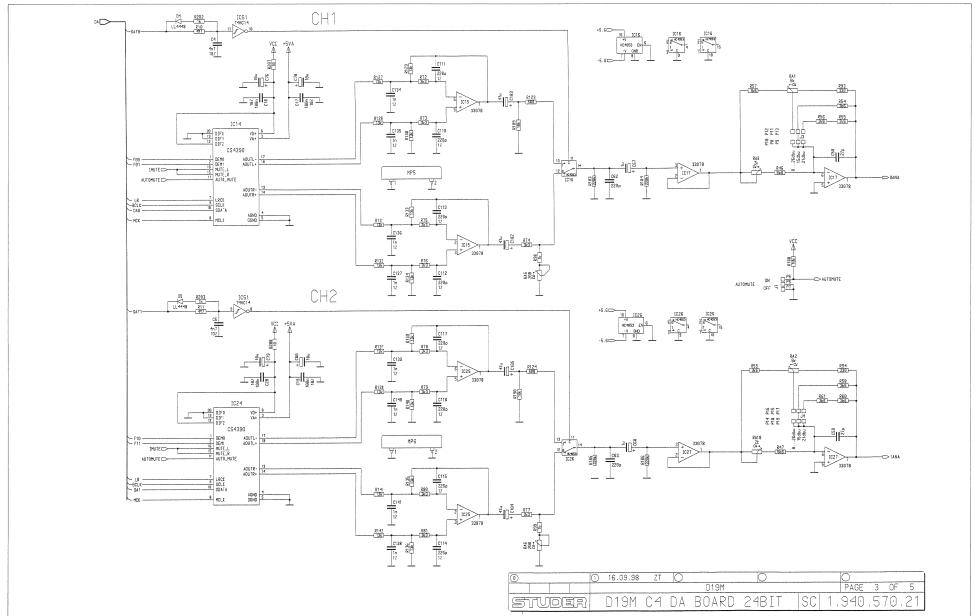


STUDER



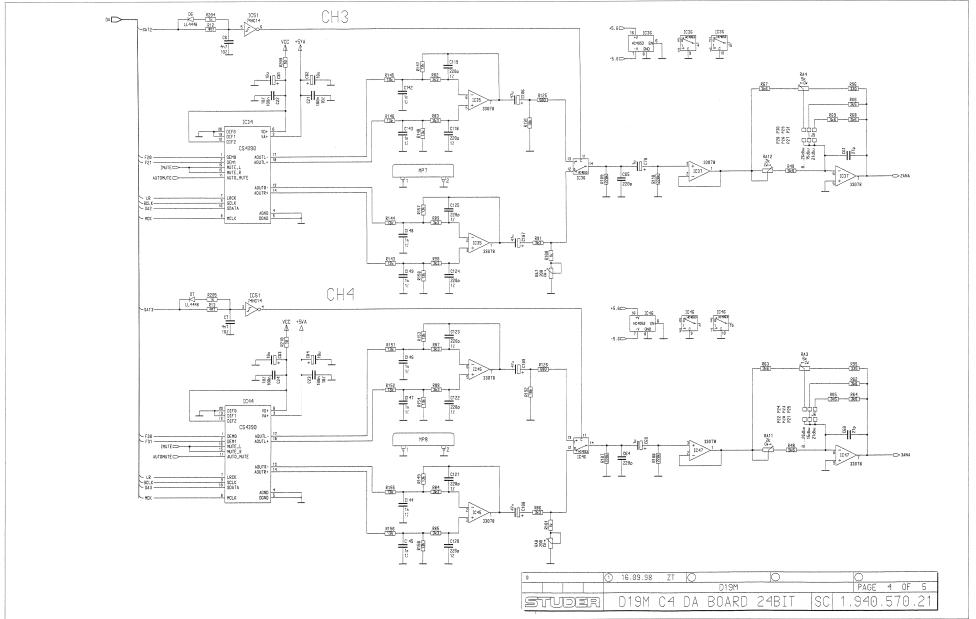




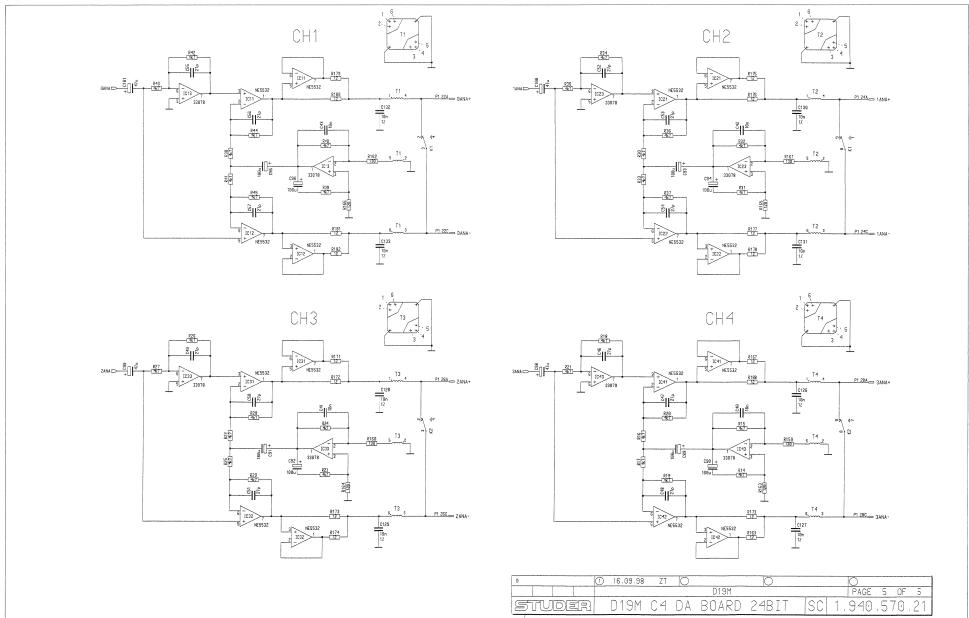


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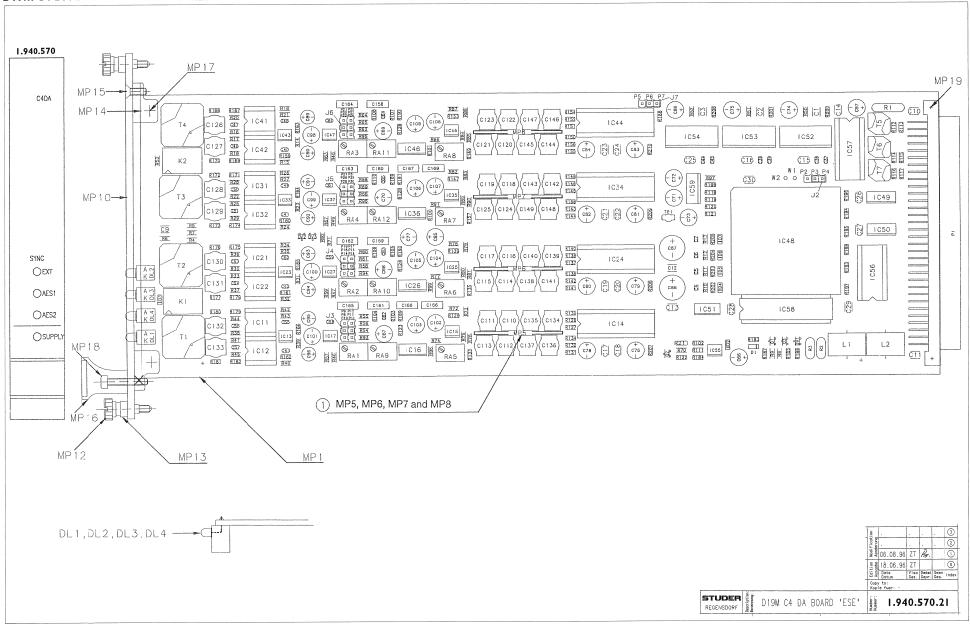
















x. Pos.	Part No.	Qty. Type/Val.	Description	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	
C 1	59.60.1473	47n	CER 10%, X7R, 1210	0	C 89	59,22,4002		100uF	EL 16V, 20%, rad RM5	
C 2	59.60.1473	47n	CER 10%, X7R, 1210	0	C 90	59.22.4002		100uF	EL 16V, 20%, rad RM5	
C 3	59.60.1473	47n	CER 10%, X7R, 1210	0	C 91	59.22.4002		100uF	EL 16V, 20%, rad RM5	
C 4	59.60.1472	4n7	CER 10%, X7R, 0805	0	C 92	59.22.4002		100uF	EL 16V, 20%, rad RM5	
C 5	59.60.1472	4n7	CER 10%, X7R, 0805	0	C 93	59.22,4002		100uF	EL 16V, 20%, rad RM5	
CG	59.60.1472	4n7	CER 10%, X7R, 0805	0	C 94	59.22.4002		100uF	EL 16V, 20%, rad RM5	
C 7	59.60.1472	4n7	CER 10%, X7R, 0805	0	C 95	59.22.4002		100uF	EL 16V, 20%, rad RM5	
C 9	59.60.1104	100n	CER 10%, X7R, 1210	0	C 96	59.22.4002		100uF	EL 16V, 20%, rad RM5	
C 10	59.60.1104	100n	CER 10%, X7R, 1210	0	C 97	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 11	59.60.1104	100n	CER 10%, X7R, 1210	0	C 98	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 12	59.60.1104	100n	CER 10%, X7R, 1210	0	C 99	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 13	59.60.1104	100n	CER 10%, X7R, 1210	0	C 100	59.22.3470		47u	EL 10V, 20%, rad RM5	
				0				47u	EL 10V, 20%, rad RM5	
C 14	59.60.1104	100n	CER 10%, X7R, 1210		C 101	59.22.3470				
C 15	59.60.1104	100n	CER 10%, X7R, 1210	0	C 102	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 16	59.60.1104	100n	CER 10%, X7R, 1210	0	C 103	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 17	59.60.1104	100n	CER 10%, X7R, 1210	0	C 104	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 18	59.60.1104	100n	CER 10%, X7R, 1210	0	C 105	59.22,3470		47u	EL 10V, 20%, rad RM5	
C 19	59.60.1104	100n	CER 10%, X7R, 1210	0	C 106	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 20	59.60,1104	100n	CER 10%, X7R, 1210	0	C 107	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 21	59.60.1104	100n	CER 10%, X7R, 1210	0	C 108	59.22.3470		47u	EL 10V, 20%, rad RM5	
			CER 10%, X7R, 1210	0	C 109	59.22.3470		47u	EL 10V, 20%, rad RM5	
C 22	59.60.1104	100n								
C 23	59.60.1104	100n	CER 10%, X7R, 1210	0	C 110	59.05.1221		220p	PP, 1%, 630V	
C 24	59.60.1104	100n	CER 10%, X7R, 1210	0	C 111	59.05.1221		220p	PP, 1%, 630V	
C 25	59,60,1104	100n	CER 10%, X7R, 1210	0	C 112	59.05.1221		220p	PP, 1%, 630V	
C 26	59.60.1104	100n	CER 10%, X7R, 1210	0	C 113	59.05.1221		220p	PP, 1%, 630V	
									PP, 1%, 630V	
C 27	59.60.1104	100n	CER 10%, X7R, 1210	0	C 114	59.05.1221		220p		
C 28	59.60.1104	100n	CER 10%, X7R, 1210	0	C 115	59.05,1221		220p	PP, 1%, 630V	
C 29	59.60.1104	100n	CER 10%, X7R, 1210	0	C 116	59.05.1221		220p	PP, 1%, 630V	
C 30	59.60.1104	100n	CER 10%, X7R, 1210	0	C 117	59.05.1221		220p	PP, 1%, 630V	
C 36	59.60.1103	10n	CER 10%, X7R, 0805	0	C 118	59.05.1221		220p	PP, 1%, 630V	
C 37	59.60.1103	10n	CER 10%, X7R, 0805	0	C 119	59.05.1221		220p	PP, 1%, 630V	
C 38	59.60.1103	10n	CER 10%, X7R, 0805	0	C 120	59.05.1221		220p	PP, 1%, 630V	
C 39	59.60.1103	10n	CER 10%, X7R, 0805	0	C 121	59.05.1221		220p	PP, 1%, 630V	
			• •							
C 40	59.60.1103	10n	CER 10%, X7R, 0805	0	C 122	59.05.1221		220p	PP, 1%, 630V	
C 41	59.60.1103	10n	CER 10%, X7R, 0805	0	C 123	59.05.1221		220p	PP, 1%, 630V	
C 42	59,60,1103	10n	CER 10%, X7R, 0805	0	C 124	59.05.1221		220p	PP, 1%, 630V	
C 43	59,60,1103	10n	CER 10%, X7R, 0805	0	C 125	59.05.1221		220p	PP, 1%, 630V	
C 44	59.60.1103	10n	CER 10%, X7R, 0805	0	C 126	59,05,1103		10n	PP, 1%, 63V	
C 45	59.60.1103	10n	CER 10%, X7R, 0805	0	C 127	59.05.1103		10n	PP, 1%, 63V	
C 46	59.60.0270	27p	CER 5%, COG, 0805	0	C 128	59.05.1103		10n	PP, 1%, 63V	
C 47		•	CER 5%, COG, 0805	0	C 129	59.05.1103		10n	PP, 1%, 63V	
	59.60.0270	27p								
C 48	59.60.0270	27p	CER 5%, COG, 0805	0	C 130	59.05.1103		10n	PP, 1%, 63V	
C 49	59.60.0270	27p	CER 5%, C0G, 0805	0	C 131	59.05.1103		10n	PP,1%, 63V	
C 50	59.60.0270	27p	CER 5%, COG, 0805	0	C 132	59.05.1103		10n	PP, 1%, 63V	
				0	C 133			10n	PP, 1%, 63V	
C 51	59,60.0270	27p	CER 5%, COG, 0805			59.05.1103				
C 52	59.60.0270	27p	CER 5%, C0G, 0805	0	C 134	59.05.1102		1n	PP, 1%, 630V	
C 53	59.60.0270	27p	CER 5%, C0G, 0805	0	C 135	59.05.1102		1n	PP, 1%, 630V	
C 54	59.60.0270	27p	CER 5%, C0G, 0805	0	C 136	59.05.1102		1n	PP, 1%, 630V	
C 55	59.60.0270	27p	CER 5%, COG, 0805	0	C 137	59.05,1102		1n	PP, 1%, 630V	
C 56	59.60.0270	27p	CER 5%, C0G, 0805	0	C 138	59.05.1102		1n	PP, 1%, 630V	
C 57	59.60.0270	27p	CER 5%, C0G, 0805	0	C 139	59.05.1102		1n	PP, 1%, 630V	
C 58	59.60.0270	27p	CER 5%, C0G, 0805	0	C 140	59.05.1102		1n	PP, 1%, 630V	
C 59	59.60.0270	27p	CER 5%, COG, 0805	0	C 141	59.05.1102		1n	PP, 1%, 630V	
C 60			CER 5%, COG, 0805							
	59.60.0270	27p		0	C 142	59.05.1102		1n	PP, 1%, 630V	
C 61	59.60.0270	27p	CER 5%, C0G, 0805	0	C 143	59.05.1102		1n	PP, 1%, 630V	
C 62	59.60.0221	220p	CER 5%, C0G, 0805	0	C 144	59.05.1102		1n	PP, 1%, 630V	
C 63	59.60.0221	220p	CER 5%, C0G, 0805	0	C 145	59.05.1102		1n	PP, 1%, 630V	
C 64	59.60.0221	220p	CER 5%, COG, 0805	0	C 146	59.05.1102		1n	PP, 1%, 630V	
C 65										
	59.60.0221	220p	CER 5%, COG, 0805	0	C 147	59.05.1102		1n	PP, 1%, 630V	
C 66	59.22.8479	4u7	EL 50V, 20%, rad RM5	0	C 148	59.05.1102		1n	PP, 1%, 630V	
C 67	59.22.8109	1u	EL 50V, 20%, rad RM5	0	C 149	59.05.1102		1n	PP, 1%, 630V	
C 68	59.22.8109	1u	EL 50V, 20%, rad RM5	0	C 158	59.06.0104		100n	PETP, 10%, 63V	
C 69	59.22.8109	1u	EL 50V, 20%, rad RM5	0	C 159	59.06.0104		100n	PETP, 10%, 63V	
C 70	59.22.8109	1u	EL 50V, 20%, rad RM5	0	C 160	59.06.0104		100n	PETP, 10%, 63V	
C 71	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 161	59.06.0104		100n	PETP, 10%, 63V	
C 72	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 162	59.06.0104		100n	PETP, 10%, 63V	
C 73	59,22,6100	10u	EL 35V, 20%, rad RM5	0	C 163	59.06.0104		100n	PETP, 10%, 63V	
			·	0						
C 74	59.22.6100	·10u	EL 35V, 20%, rad RM5		C 164	59.06.0104		100n	PETP, 10%, 63V	
C 75	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 165	59.06.0104		100n	PETP, 10%, 63V	
C 76	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 166	59.06.0104		100n	PETP, 10%, 63V	
C 77	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 167	59.06.0104		100n	PETP, 10%, 63V	
C 78	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 168	59.06.0104		100n	PETP, 10%, 63V	
C 79	59.22.6100	10u	EL 35V, 20%, rad RM5	0	C 169	59.06.0104		100n	PETP, 10%, 63V	
C 80	59.22.6100	10u	EL 35V, 20%, rad RM5							
C 81	59.22.6100	10u	EL 35V, 20%, rad RM5	0	D 1	50.60.8001		4448	D LL 4448 SOD	80
C 82	59.22.6100	10u	EL 35V, 20%, rad RM5	0	D 2	50.60.8001		4448	D LL 4448 SOD	
C 83	59.22.6100	10u	EL 35V, 20%, rad RM5	0	D 3	50.60.8001		4448	D LL 4448 SOD	80
C 84	59.22.6100	10u	EL 35V, 20%, rad RM5	0	D 4	50.60.8001		4448	D LL 4448 SOD	
C 85		10u	EL 35V, 20%, rad RM5	0	D 5	50.60.8001		4448	D LL 4448 SOD	
	59.22.6100									
C 86	59.22.6100	10u	EL 35V, 20%, rad RM5	0	D 6	50.60.8001		4448	D LL 4448 SOD	
	FO 00 F404	100u	EL 25V, 20%, rad RM5	0	D 7	50,60,8001		4448	D LL 4448 SOD	RΛ
C 87	59,22,5101	1000								UU





X. P.	os.	Part No.	Qty.	Type/Val.	Description	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
DL	1	50,04,2202		HLMP1790	DL HLMP - 1790 GN	0	P 1		54.11.2009 1	oce 96p	EU-R 3*32p
DL							P 2				· ·
		50.04.2202		HLMP1790	DL HLMP - 1790 GN	0			54.01.0020 1 p		Pin 0.63*0.63
DL	_ 3	50.04.2202		HLMP1790	DL HLMP - 1790 GN	0	P 3		54.01.0020 1	oce 1p	Pin 0.63*0.63
DL	_ 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN	0	P 4		54.01.0020 1	ce 1p	Pin 0.63*0.63
						0	P 5				
									54.01.0020 1 p		Pin 0.63*0.63
D١	V 1	50.60,9026		24V	5%, 0.2W, SOT 23	0	P 6		54.01.0020 1 p	oce 1p	Pin 0.63*0.63
D١	V 2	50.60.9011		5V6	5%, 0.2W, SOT 23	0	P 7		54.01.0020 1 p	ce 1p	Pin 0.63*0.63
D١	/3	50.60.9011		5V6	5%, 0.2W, SOT 23	0	P 8		54.11.0136 1	ce 2*3p	Pin 0.63*0.63, RM2.54
	• 5	50.00.5011		300	376, 0.244, 301 23		P 9				
						0			54.01.0020 0 p		Pin 0.63*0.63
IC	11	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0	P 10		54.01.0020 0 p	ce 1p	Pin 0.63*0.63
IC.	12	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0	P 11		54.01.0020 0 p	ce 1p	Pin 0.63*0.63
						0	P 12		54.01.0020 0		Pin 0.63*0.63
iC	13	50.61.0204		MC33078	IC MC 33078 P						
IC	14	50.19.0114		D/A Conv	IC CS 4329-KP,	0	P 13		54.01.0020 0 p	ce 1p	Pin 0.63*0,63
IC	15	50.61.0204		MC33078	IC MC 33078 P	0	P 14		54.11.0136 1 p	ce 2*3p	Pin 0.63*0.63, RM2.54
						0	P 15		54.01.0020 0 p		Pin 0.63*0.63
	16	50.62.8053		HC4053	IC 74 HC 4053 . ,A	ō	P 16		,		
IC	17	50.61.0204		MC33078	IC MC 33078 P				54.01.0020 0 p		Pin 0.63*0.63
IC	21	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0	P 17		54.01.0020 0 p	ice 1p	Pin 0.63*0.63
						0	P 18		54.01.0020 0 p	ce 1p	Pin 0.63*0.63
IC	22	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0	P 19				Pin 0.63*0.63
IC	23	50.61.0204		MC33078	IC MC 33078 P				54.01.0020 0 p		
IC	24					0	P 20		54.11.0136 1 p	ce 2*3p	Pin 0.63*0.63, RM2.54
		50.19.0114		D/A Conv	IC CS 4329-KP,	0	P 21		54.01.0020 0 p	ce 1p	Pin 0.63*0.63
IC	25	50.61.0204		MC33078	IC MC 33078 P	0	P 22		54.01.0020 0 p		Pin 0.63*0.63
IC	26	50.62.8053		HC4053	IC 74 HC 4053 . ,A						
IC		50.61.0204			IC MC 33078 P	0	P 23		54.01.0020 0 p	ice 1p	Pin 0.63*0.63
				MC33078		0	P 24		54.01.0020 0 p	ice 1p	Pin 0.63*0.63
IC	31	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0	P 25		54.01.0020 0 p		Pin 0.63*0.63
IC	32	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A						
						0	P 26		54.11.0136 1 p		Pin 0.63*0.63, RM2.54
IC		50.61.0204		MC33078	IC MC 33078 P	0	P 27		54.01.0020 0 p	ice 1p	Pin 0.63*0.63
IC		50.19.0114		D/A Conv	IC CS 4329-KP,	0	P 28		54.01.0020 0 p	ce 1p	Pin 0.63*0.63
IC	35	50.61.0204		MC33078	IC MC 33078 P	0	P 29				
									54.01.0020 0 p		Pin 0.63*0.63
IC		50.62.8053		HC4053	IC 74 HC 4053 . ,A	0	P 30		54.01.0020 0 p	ce 1p	Pin 0.63*0.63
IC	37	50.61.0204		MC33078	IC MC 33078 P	0	P 31		54.01.0020 0 p		Pin 0.63*0.63
IC		50.09.0106		5532AN		-					2.30 0.00
					IC NE 5532 AN, NE 5532 AN, ,A						
IC	42	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0	Q 1		50.60.1001	BC857B	PNP 45V 100mA SOT 23
IC	43	50.61.0204		MC33078	IC MC 33078 P	0	Q 2		50.60.1001	BC857B	PNP 45V 100mA SOT 23
IC		50.19.0114				0	Q 3		50.60.0001	BC847B	NPN 45V 100mA SOT 23
				D/A Conv	IC CS 4329-KP,	U	G U		30.00.0001	DC04/D	NFN 45V 100MA 501 25
IC	45	50.61.0204		MC33078	IC MC 33078 P						
IC	46	50.62.8053		HC4053	IC 74 HC 4053 . ,A	0	R 1		57.92.7053	1.6A	POLY-PTC, 30V
					•	0	R 2		57.92.7019	0.4A	POLY- PTC, 60V
IC		50.61.0204		MC33078	IC MC 33078 P						
IC	48	1.940.970.20			SW 570 MICODAC (50.63.4205)	0	R 3		57.92.7019	0.4A	POLY- PTC, 60V
ic	49	50.62.3166		74HCT166	74 HCT 166 .	0	R 4		57.60.1821	820R	MF, 1%, 0204, E24
						0	R 5		57.60.1821	820R	MF, 1%, 0204, E24
IC	50	50.62.3166		74HCT166	74 HCT 166 .						
IC	51	50.62.1014		74HC 14	IC 74 HC 14 . ,A	0	R 6		57.60.1821	820R	MF, 1%, 0204, E24
	52			CS8412	·	0	R 7		57.60.1821	820R	MF, 1%, 0204, E24
		50.62.0913			AES-Receiver	0	R 8		57.60.1683	68K	MF, 1%, 0204, E24
IC	53	50.62.0913		CS8412	AES-Receiver						
IC	54	50.62,0913		CS8412	AES-Receiver	0	R 9		57.60.1562	5K6	MF, 1%, 0204, E24
				000-112		0	R 10		57.60.1475	4M7	MF, 1%, 0204, E24
	55	50.61.9001			IC LM 393 D,LM 393	0	R 11		57.60.1475	4M7	MF, 1%, 0204, E24
IC	56	50.17.7014		ACT14	74 ACT 14.	-	R 12		57.60.1475		MF, 1%, 0204, E24
IC	57	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A	0				4M7	
					·	0	R 13		57.60.1475	4M7	MF, 1%, 0204, E24
	58	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A	0	R 14		57.60.1472	4K7	MF, 1%, 0204, E24
IC	59	50.10.0104		LM317SP	IC LM 317 SP,T,	0	R 15		57.60.1472	4K7	MF, 1%, 0204, E24
					• •						
, ~	,	E4 04 0001		lea	0.00 ± 0.00	0	R 16		57.60.1472	4K7	MF, 1%, 0204, E24
J 2		54.01.0021		Jumper	0.63 * 0.63mm	0	R 17		57.60.1472	4K7	MF, 1%, 0204, E24
J 3	3	54.01.0021		Jumper	0.63 * 0.63mm		R 18		57.60.1472	4K7	MF, 1%, 0204, E24
J 4	1	54.01.0021		Jumper	0.63 * 0.63mm						
				•		0	R 19		57.60.1472	4K7	MF, 1%, 0204, E24
J 5		54.01.0021		Jumper	0.63 * 0.63mm	0	R 20		57.60,1472	4K7	MF, 1%, 0204, E24
J 6	3	54.01.0021		Jumper	0.63 * 0.63mm	0	R 21		57.60.1472	4K7	MF, 1%, 0204, E24
J 7	7	54.01.0021		Jumper	0.63 * 0.63mm	0	R 22		57.60.1472	4K7	MF, 1%, 0204, E24
- *											
				_			R 23		57.60.1472	4K7	MF, 1%, 0204, E24
K 1	1	56.04.0197		2u	24V, 125V/2A, AG/AU	0	R 24		57.60.1472	4K7	MF, 1%, 0204, E24
K 2	2	56.04.0197		2u	24V, 125V/2A, AG/AU	0	R 25		57.60,1472	4K7	MF, 1%, 0204, E24
					, , , ,		R 26		57.60.1472	4K7	MF, 1%, 0204, E24
L 1		62.03.0010		48uH	L 48 U , 2 A, FILTER		R 27		57.60.1472	4K7	MF, 1%, 0204, E24
L 2	2	62.03.0010		48uH	L 48 U , 2 A, FILTER	0	R 28		57.60.1472	4K7	MF, 1%, 0204, E24
				•	· · · · · · · · · · · · · · · · · · ·		R 29		57.60.1472	4K7	MF, 1%, 0204, E24
MF	1 د	1.940.570.12			D19M C4 DA BOARD PCB	0	R 30		57.60.1472	4K7	MF, 1%, 0204, E24
MF	2	1.940.570.04			TYPENSCHILD	0	R 31		57.60.1472	4K7	MF, 1%, 0204, E24
				Lobal		0	R 32		57.60.1472	4K7	MF, 1%, 0204, E24
MF		43.01.0108		Label	ESE-WARNSCHILD						
MF	7 4	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20	0	R 33		57.60.1472	4K7	MF, 1%, 0204, E24
MF	² 5	1.940.570.02			Abschirmblech	0	R 34		57.60.1472	4K7	MF, 1%, 0204, E24
MF						0	R 35		57.60.1472	4K7	MF, 1%, 0204, E24
		1.940.570.02			Abschirmblech		R 36		57.60.1472	4K7	MF, 1%, 0204, E24
MF	7	1.940.570.02			Abschirmblech						
MF		1.940.570.02			Abschirmblech	0	R 37		57.60.1472	4K7	MF, 1%, 0204, E24
			1			0	R 38		57.60.1472	4K7	MF, 1%, 0204, E24
	10	1.940.570.01	1 pce		FRONTPLATTE		R 39			4K7	MF, 1%, 0204, E24
MF	⊃ 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE				57.60.1472		
MF	² 12	49.02.0520		M2.5*12	Rändelschraube (Rack)	0	R 40		57.60.1472	4K7	MF, 1%, 0204, E24
						0	R 41		57.60.1472	4K7	MF, 1%, 0204, E24
	≥ 13	49.02.0521	2 pcs		Metall-Buchse (Rack)		R 42			4K7	MF, 1%, 0204, E24
MF	² 14	49.02.0522	2 pcs		Kartenhalter (Rack)				57.60.1472		
	2 15	49.02.0523		M2.5*7	• •	0	R 43		57.60.1472	4K7	MF, 1%, 0204, E24
					Senk-Schr, KS, Senkripp	0	R 44		57.60.1472	4K7	MF, 1%, 0204, E24
MF	2 16	49.02.0504	1 pce	4TE	Frontplatten-Griff						
MAG	⊃ 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6	-	R 45		57.60.1472	4K7	MF, 1%, 0204, E24
		21.53.0284			Z - SCHR. IS , ZN , M2.5 * 16	1	R 46		57.60.1562	5K6	MF, 1%, 0204, E24
	210										
MF	⊃ 18 ⊃ 19	28.99.0119	1 pce 2 pcs		ROHRNIETE D 2.5*0.15* 9	1	R 47		57.60.1562	5K6	MF, 1%, 0204, E24





x. Pos.	Part No.	Qty.	Type/Val.	Description	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
R 48	5	7.60.1562	5K6	MF, 1%, 0204, E24	0	R 129	57.60.1133		13K	MF, 1%, 0204, E24
R 49		7.60.1562	5K6	MF, 1%, 0204, E24	0	R 130	57.60.1133		13K	MF, 1%, 0204, E24
R 50		7.60.1470	47R	MF, 1%, 0204, E24	0	R 131	57.60.1133		13K	MF, 1%, 0204, E24
		7.60.1470	47R	MF, 1%, 0204, E24	0	R 132	57.60.1133		13K	MF, 1%, 0204, E24
R 51			47R	MF, 1%, 0204, E24	0	R 133	57.60.1133		13K	MF. 1%, 0204, E24
R 52		7.60.1470	390R	MF, 1%, 0204, E24	0					MF, 1%, 0204, E24
R 53		7.60.1391		MF, 1%, 0204, E24		R 134	57.60.1133		13K	
R 54		7.60.1362	3K6		.0	R 135	57.60.1133		13K	MF, 1%, 0204, E24
R 55		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 136	57.60.1133		13K	MF, 1%, 0204, E24
R 56		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 137	57.60.1133		13K	MF, 1%, 0204, E24
R 57		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 138	57.60.1133		13K	MF, 1%, 0204, E24
R 58	5	7.60.1362	3K6	MF, 1%, 0204, E24	0	R 139	57.60.1133		13K	MF, 1%, 0204, E24
R 59	5	7.60.1362	3K6	MF, 1%, 0204, E24	0	R 140	57.60.1133		13K	MF, 1%, 0204, E24
R 60	5	7.60.1362	3K6	MF, 1%, 0204, E24	0	R 141	57.60.1133		13K	MF, 1%, 0204, E24
R 61	5	7.60.1362	3K6	MF, 1%, 0204, E24	0	R 142	57.60.1133		13K	MF, 1%, 0204, E24
R 62		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 143	57.60.1133		13K	MF, 1%, 0204, E24
R 63		7.60.1362	3K6	MF, 1%, 0204, E24						MF, 1%, 0204, E24
R 64		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 144	57.60.1133		13K	
			3K6	MF, 1%, 0204, E24	0	R 145	57.60,1133		13K	MF, 1%, 0204, E24
R 65		7.60.1362			0	R 146	57.60.1133		13K	MF, 1%, 0204, E24
R 66		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 147	57.60.1133		13K	MF, 1%, 0204, E24
R 67		7.60.1362	3K6	MF, 1%, 0204, E24	0	R 148	57.60.1133		13K	MF, 1%, 0204, E24
R 68	5	7.60.1362	3K6	MF, 1%, 0204, E24	0	R 149	57.60.1133		13K	MF, 1%, 0204, E24
R 69	5	7.60.1362	3K6	MF, 1%, 0204, E24	0	R 150	57.60.1133		13K	MF, 1%, 0204, E24
R 70	5	7.60.1332	3K3	MF, 1%, 0204, E24	0	R 151	57.60.1133		13K	MF, 1%, 0204, E24
R 71		7.60.1332	3K3	MF, 1%, 0204, E24						
R 72		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 152	57.60.1133		13K	MF, 1%, 0204, E24
R 73		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 153	57.60.1133		13K	MF, 1%, 0204, E24
		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 154	57.60.1133		13K	MF, 1%, 0204, E24
R 74				MF, 1%, 0204, E24	0	R 155	57.60.1133		13K	MF, 1%, 0204, E24
R 75		7.60.1332	3K3		0	R 156	57.60.1133		13K	MF, 1%, 0204, E24
R 76		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 157	57.60.1133		13K	MF, 1%, 0204, E24
R 77		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 158	57.60.1133		13K	MF, 1%, 0204, E24
R 78	5	7.60.1332	3K3	MF, 1%, 0204, E24						MF, 1%, 0204, E24
R 79	5	7.60.1332	3K3	MF, 1%, 0204, E24	0	R 159	57.60.1131		130R	
R 80	6	7,60.1332	3K3	MF, 1%, 0204, E24	0	R 160	57.60.1131		130R	MF, 1%, 0204, E24
R 81		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 161	57.60.1131		130R	MF, 1%, 0204, E24
R 82		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 162	57.60.1131		130R	MF, 1%, 0204, E24
R 83		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 163	57.60.1121		120R	MF, 1%, 0204, E24
			3K3	MF, 1%, 0204, E24	0	R 164	57.60.1121		120R	MF, 1%, 0204, E24
R 84		7.60.1332		MF, 1%, 0204, E24	0	R 165	57.60.1121		120R	MF, 1%, 0204, E24
R 85		7.60.1332	3K3						120R	MF, 1%, 0204, E24
R 86		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 166	57.60.1121			
R 87	5	7.60.1332	3K3	MF, 1%, 0204, E24	0	R 167	57.60.1120		12R	MF, 1%, 0204, E24
R 88	5	7.60.1332	3K3	MF, 1%, 0204, E24	0	R 168	57.60.1120		12R	MF, 1%, 0204, E24
R 89	8	7.60.1332	3K3	MF, 1%, 0204, E24	0	R 169	57.60.1120		12R	MF, 1%, 0204, E24
R 90	5	7.60.1332	3 K3	MF, 1%, 0204, E24	0	R 170	57.60.1120		12R	MF, 1%, 0204, E24
R 91		7.60.1332	3K3	MF, 1%, 0204, E24	0	R 171	57.60.1120		12R	MF, 1%, 0204, E24
R 92	ę.	7.60.1332	3K3	MF, 1%, 0204, E24	0	R 172	57.60.1120		12R	MF, 1%, 0204, E24
R 93		7.60.1331	330R	MF, 1%, 0204, E24	0	R 173	57.60.1120		12R	MF, 1%, 0204, E24
R 94		7.60.1331	330R	MF, 1%, 0204, E24	0		57.60.1120		12R	MF, 1%, 0204, E24
R 95		7.60.1331	330R	MF, 1%, 0204, E24					12R	MF, 1%, 0204, E24
		7.60.1331	330R	MF, 1%, 0204, E24	0	R 175	57.60.1120			MF, 1%, 0204, E24
R 96					0				12R	
R 97		7.60.1302	3K0	MF, 1%, 0204, E24	0		57.60.1120		12R	MF, 1%, 0204, E24
R 98		7.60.1102	1K	MF, 1%, 0204, E24	0	R 178	57.60.1120		12R	MF, 1%, 0204, E24
R 99		7.60.1102	1K	MF, 1%, 0204, E24	0	R 179	57.60.1120		12R	MF, 1%, 0204, E24
R 100		7.60.1102	1K	MF, 1%, 0204, E24	0	R 180	57.60.1120		12R	MF, 1%, 0204, E24
R 101		7.60.1102	1K	MF, 1%, 0204, E24	0	R 181	57.60.1120		12R	MF, 1%, 0204, E24
R 102	5	7.60.1332	3K3	MF, 1%, 0204, E24	0				12R	MF, 1%, 0204, E24
R 103	5	7.60.1224	220K	MF, 1%, 0204, E24	0				100K	MF, 1%, 0204, E24
R 104	5	7.60.1224	220K	MF, 1%, 0204, E24	0				100K	MF, 1%, 0204, E24
R 105	5	7.60.1224	220K	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 106	5	7.60.1224	220K	MF, 1%, 0204, E24					10K	MF, 1%, 0204, E24
R 107		7.60.1224	220K	MF, 1%, 0204, E24	0					MF, 1%, 0204, E24
R 108		7.60.1224	220K	MF, 1%, 0204, E24	0				10K	
R 109		7.60.1224	220K	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 110		7.60.1224	220K	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 111		7.60.1224	22K	MF, 1%, 0204, E24	0	R 190	57.60.1103		10K	MF, 1%, 0204, E24
				MF, 1%, 0204, E24	0	R 191	57.60.1103		10K	MF, 1%, 0204, E24
R 112		7.60.1221	220R		0	R 192	57.60.1103		10K	MF, 1%, 0204, E24
R 113		7.60.1221	220R	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 114		7.60.1221	220R	MF, 1%, 0204, E24	o o				10K	MF, 1%, 0204, E24
R 115		7.60.1221	220R	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 116		7.60.1221	220R	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 117		7.60.1221	220R	MF, 1%, 0204, E24	0				10K	MF, 1%, 0204, E24
R 118	5	7.60.1201	200R	MF, 1%, 0204, E24						
R 119	5	7.60.1201	200R	MF, 1%, 0204, E24	C				10K	MF, 1%, 0204, E24
R 120		7.60.1201	200R	MF, 1%, 0204, E24	C				1K	MF, 1%, 0204, E24
R 121		7.60.1201	200R	MF, 1%, 0204, E24	C	R 200			1K	MF, 1%, 0204, E24
R 122		7.60.1153	15K	MF, 1%, 0204, E24	c				1K	MF, 1%, 0204, E24
R 123		7.60.1681	680R	MF, 1%, 0204, E24	C				1K	MF, 1%, 0204, E24
				MF, 1%, 0204, E24					1K	MF, 1%, 0204, E24
R 124		7.60.1681	680R		(1K	MF, 1%, 0204, E24
R 125		7.60.1681	680R	MF, 1%, 0204, E24						MF, 1%, 0204, E24
R 126		7.60.1681	680R	MF, 1%, 0204, E24	(1K	
R 127		7.60.1133	13K	MF, 1%, 0204, E24	(1K	MF, 1%, 0204, E24
	5	7.60.1133	13K	MF, 1%, 0204, E24	(R 207	7 57.60.1100		10R	MF, 1%, 0204, E24
R 128										
R 128					(R 208	57.60.1100		10R	MF, 1%, 0204, E24

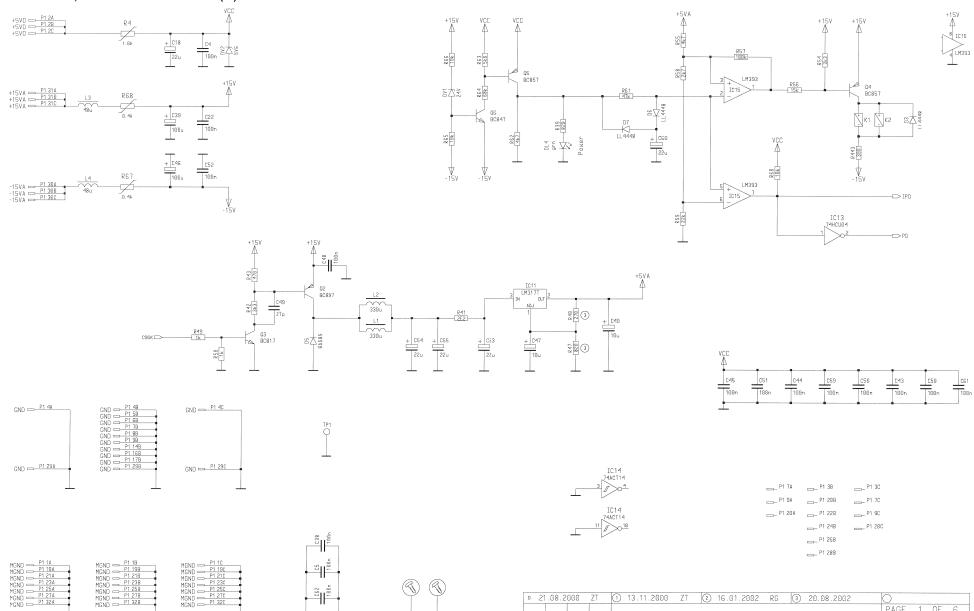




ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 210	57.60.1100		10R	MF, 1%, 0204, E24
0	R 211	57.60.1103		10K	MF, 1%, 0204, E24
0	RA 1	58.05.1502		5k	10%, 0.5W, Cermet
0	RA 2	58.05.1502		5k	10%, 0.5W, Cermet
Ü	RA 3	58.05.1502		5K	10%, 0.5VV, Cermet
0	RA 4	58.05.1502		5k	10%, 0.5W, Cermet
0	RA 5	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 6	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 7	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 8	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 9	58.05.1202		2k	10%, 0.5W, Cermet
0	RA 10	58.05.1202		2k	10%, 0.5W, Cermet
0	RA 11	58.05.1202		2k	10%, 0.5W, Cermet
0	RA 12	58.05.1202		2k	10%, 0.5W, Cermet
0	T 1	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 2	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 3	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 4	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 5	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 6	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 7	1.022.632.00		1:1	DI/DO TRANSFORMER
0	TP 1	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 3	50.20.2501		Spacer	LED-Sockel
0	XDL 4	50.20.2501		Spacer	LED-Sockel
0	XIC 11	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 12	53.03,0166		8p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 22	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 31	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 32	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 41	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 42	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 48	53,03.2284		XIC PLCC84	XIC PLCC 84 PIN

--- End of List --

Comments
Wertanpassung von R46,R47,R48 und R49



0 21.08.2000

STUDER

ZT

① 13.11.2000 ZT

② 16.01.2002 RG ③ 20.08.2002

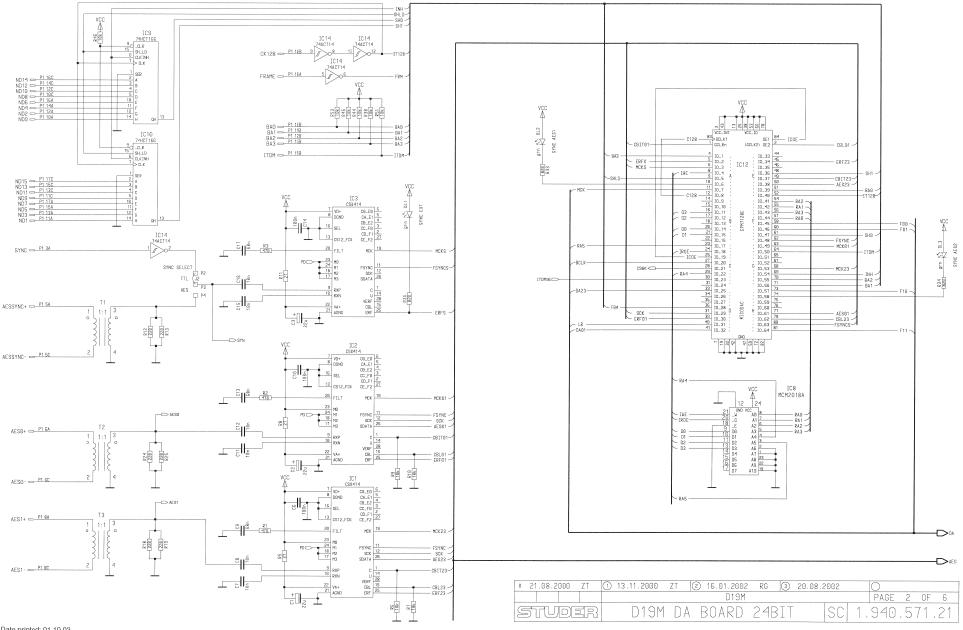
D19M DA BOARD 24BIT

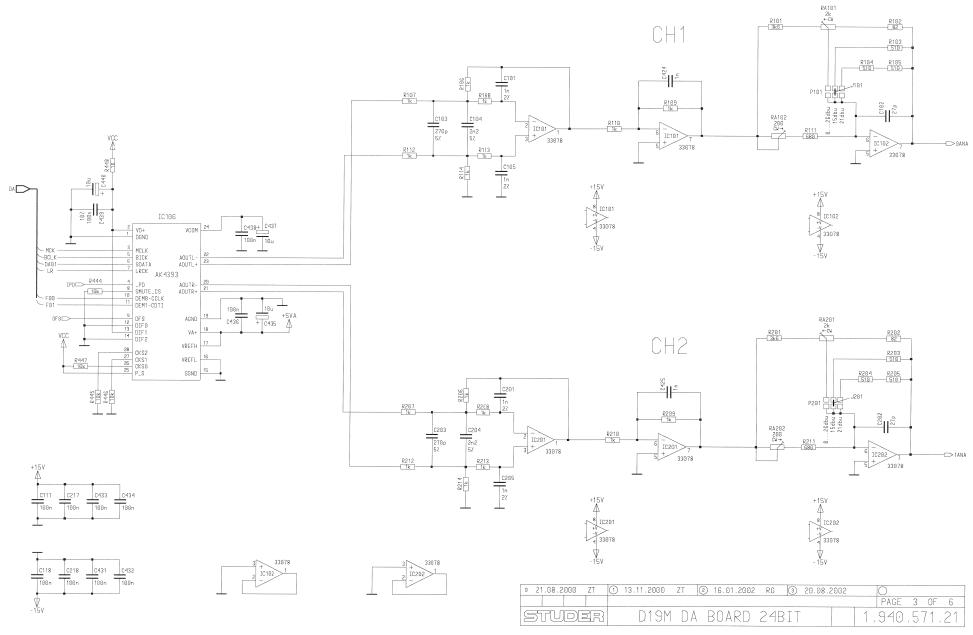
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1 OF

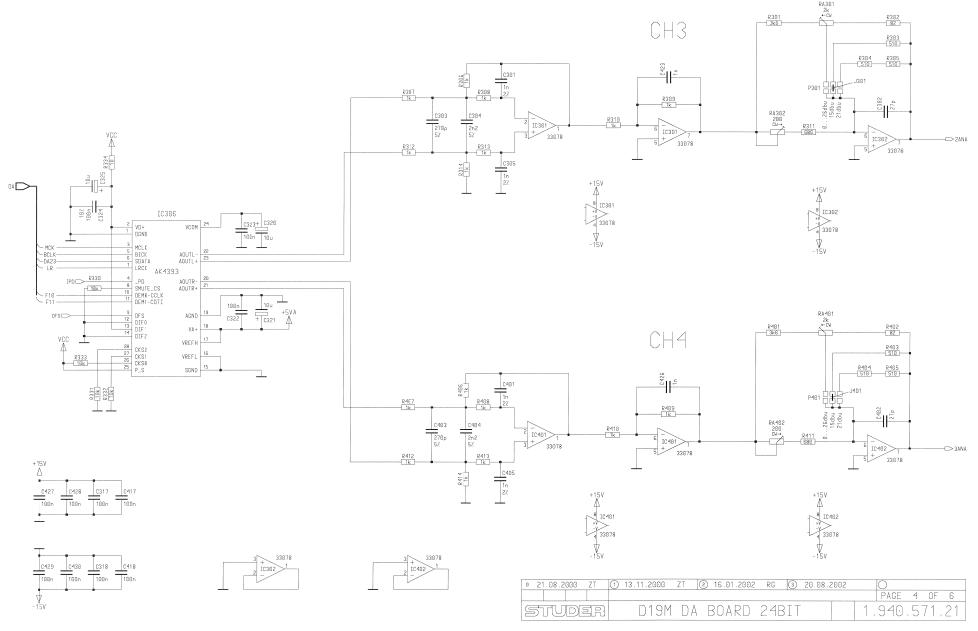
1,940,571,21

Date printed: 01.10.02

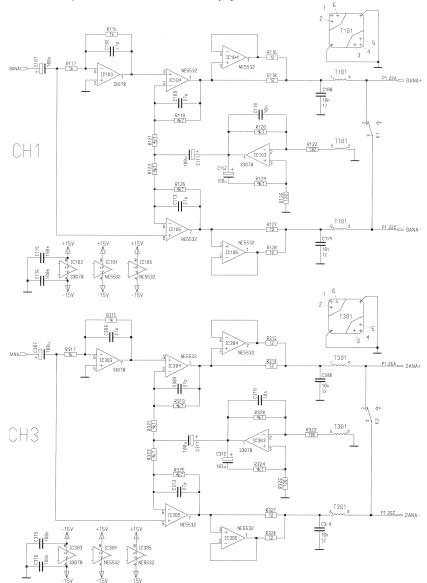


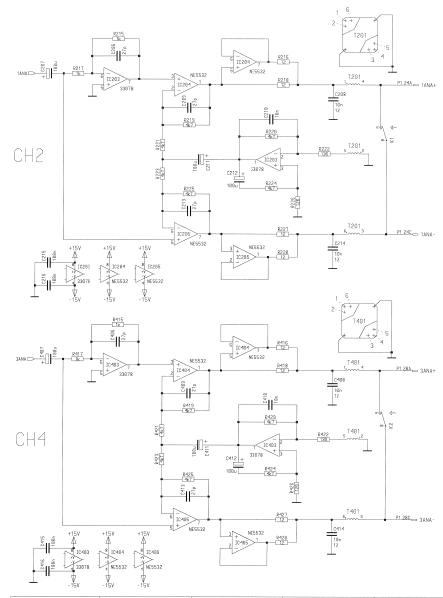


STUDER



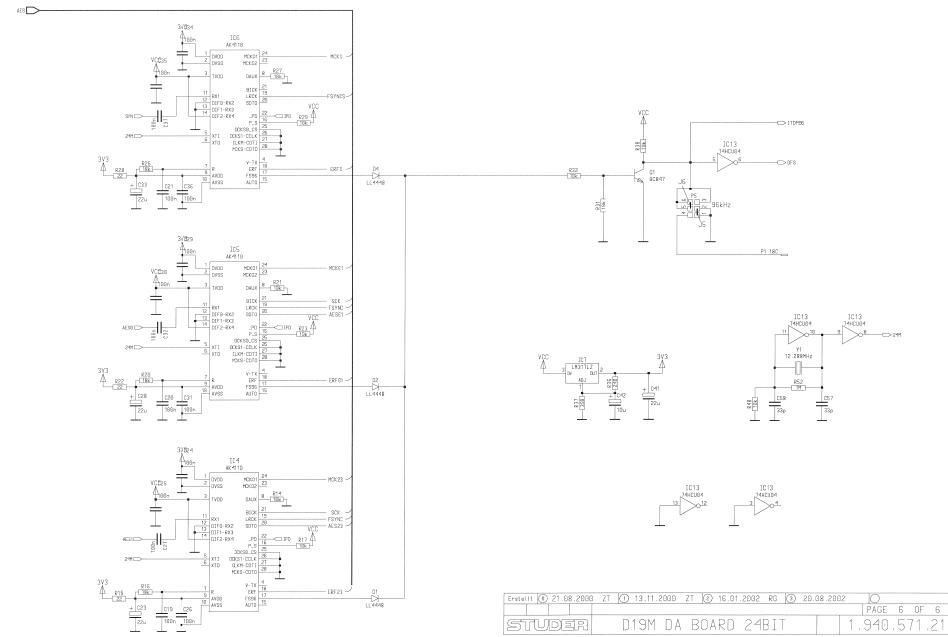


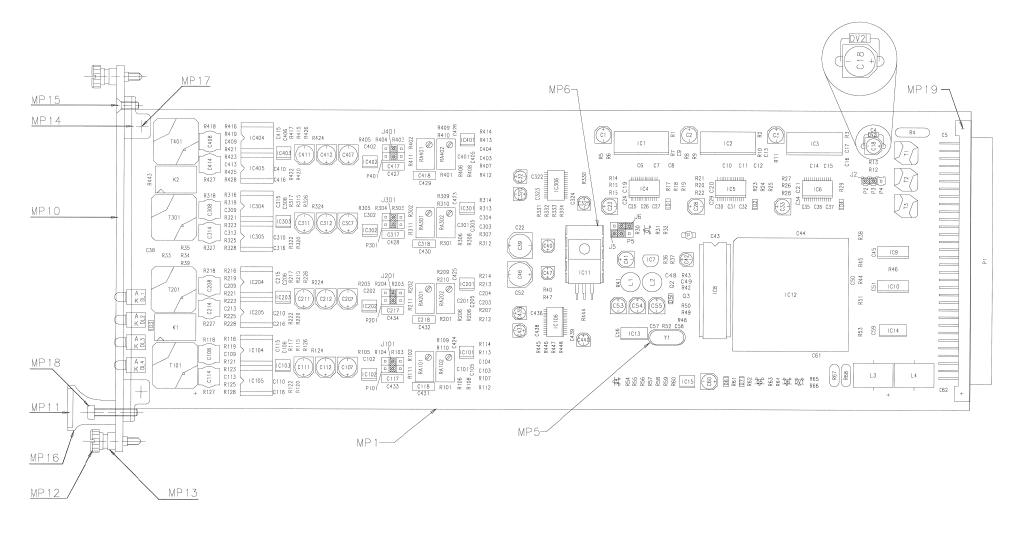




a 21.08.2000 ZT	① 13.11.2000 ZT ② 16.01.2002 RG ③ 20.08.2002	
		PAGE 5 OF 6
STUDER	D19M DA BOARD 24BIT	1,940,571,21







	Accompanying documents: Zugehoerige Unterlagen:		Scale: Massstab:	트 월 13.11.2	000 ZT ML	HW 2	1
, DL2, DL3, DL4 —→ ☐	PL,BV640			Date Datum	Visa Checked Gez. Gepr.	Seen Ges. Index	
	Substitute for: 1.940.571.21 In	ıdex ①		Page: Seite:	1 / 1	1	1
	STUDER DIGHT DIGHT	BOARD 24BI1	, ESE	Number:	.940.57	1.21	

Page: 1 of 3

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ix.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx	. Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7		C 208	59.05.1103		10n	PP, 1%, 63V
0		59.68.0067	1 pce	22u	EL 16V, 5.0*5.7		C 209	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0		59.68.0067		22u	EL 16V, 5.0*5.7		C 210	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0		59.60.3337		100n	CER 50V, 10%, X7R, 0805		C 211	59.68.0029		100u	EL 6V, 6.3*5.7
0		59.60.3337		100n	CER 50V, 10%, X7R, 0805		C 212	59.68.0029		100u	EL 6V, 6.3*5.7
	СВ	59.60.3337		100n	CER 50V, 10%, X7R, 0805		C 213	59.60.2235		27p	CER 50V, 5%, C0G, 0603
	C 7	59.60.3325		10n	CER 50V, 10%, X7R, 0805		C 214	59.05.1103		10n	PP, 1%, 63V
	C 8	59.60.3325		10n	CER 50V, 10%, X7R, 0805		C 215	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 9	59.60.3335		68n	CER 50V, 10%, X7R, 0805		C 216	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 10	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 217	not used	1 pce	100n	PETP, 63V, 10%, RM5
	C 11	59.60.3325		10n	CER 50V, 10%, X7R, 0805	0	C 218	not used	1 pce	100n	PETP, 63V, 10%, RM5
	C 12	59.60.3325		10n	CER 50V, 10%, X7R, 0805	0	C 301	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
	C 12	59.60.3335		68n	CER 50V, 10%, X7R, 0805	0	C 302	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
	C 13				CER 50V, 10%, X7R, 0805	0	C 303	59.60.2359	1 pce	270p	CER 50V, 5%, C0G, 0805
		59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 304	59.63.0105	1 pce	2n2	PEN 50V, 5%, 1206
	C 15 C 16	59.60.3325		10n		0	C 305	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
		59.60.3325		10n	CER 50V, 10%, X7R, 0805	0	C 306	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
	C 17	59.60.3335		68n	CER 50V, 10%, X7R, 0805	0	C 307	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
	C 18	59.68.0067		22u	EL 16V, 5.0*5.7		C 308	59.05.1103		10n	PP, 1%, 63V
	C 19	not used		100n	CER 50V, 10%, X7R, 0805	0	C 309	59.60.2235		27p	CER 50V, 5%, C0G, 0603
	C 20	not used		100n	CER 50V, 10%, X7R, 0805		C 310	59.60.3325		10n	CER 50V, 10%, X7R, 0805
	C 21	not used		100n	CER 50V, 10%, X7R, 0805		C 311	59.68.0029		100u	EL 6V, 6.3*5.7
	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805		C 312	59.68.0029		100u	EL 6V, 6.3*5.7
	C 23	not used	1 pce	22u	EL 16V, 5.0*5.7		C 313	59.60.2235		27p	CER 50V, 5%, C0G, 0603
	C 24	not used	1 pce	100n	CER 50V, 10%, X7R, 0805	0					PP, 1%, 63V
	C 25	not used	1 pce	100n	CER 50V, 10%, X7R, 0805		C 314	59.05.1103		10n	
	C 26	not used	1 pce	100n	CER 50V, 10%, X7R, 0805		C 315	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 27	not used		100n	CER 50V, 10%, X7R, 0805		C 316	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 28	not used		22u	EL 16V, 5.0*5.7		C 317	not used		100n	PETP, 63V, 10%, RM5
	C 29	not used		100n	CER 50V, 10%, X7R, 0805		C 318	not used		100n	PETP, 63V, 10%, RM5
	C 30	not used		100n	CER 50V, 10%, X7R, 0805	0	C 320	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
				100n	CER 50V, 10%, X7R, 0805	0	C 321	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
	C 31	not used		100n 100n	CER 50V, 10%, X/R, 0005 CER 50V, 10%, X/R, 0805	0	C 322	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
	C 32	not used				0	C 323	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
	C 33	not used		22u	EL 16V, 5.0*5.7		C 324	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 34	not used		100n	CER 50V, 10%, X7R, 0805		C 325	59.68.0065		10u	EL 16V, 4.0*5.7
	C 35	not used	1 pce	100n	CER 50V, 10%, X7R, 0805		C 401	59.63.1113		1n0	PPS 50V, 2%, 0805
	C 36	not used	1 pce	100n	CER 50V, 10%, X7R, 0805		C 402	59.60.2235		27p	CER 50V, 5%, C0G, 0603
	C 37	not used	1 pce	100n	CER 50V, 10%, X7R, 0805		C 403	59.60.2359		270p	CER 50V, 5%, C0G, 0805
	C 38	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805		C 404			270p 2n2	PEN 50V, 5%, 1206
	C 39	59.68.0115	1 pce	100u	EL 35V, 8.0*10.7	0		59.63.0105			
	C 40	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7		C 405	59.63.1113		1n0	PPS 50V, 2%, 0805
	C 41	not used	1 pce	22u	EL 16V, 5.0*5.7		C 406	59.60.2235		27p	CER 50V, 5%, C0G, 0603
	C 42	not used	1 pce	10u	EL 16V, 4.0*5.7		C 407	59.68.0029		100u	EL 6V, 6.3*5.7
	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 408	59.05.1103		10n	PP, 1%, 63V
	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 409	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 410	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
	C 46	59.68.0115		100u	EL 35V, 8.0*10.7	0	C 411	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
	C 47	59.68.0065		10u	EL 16V, 4.0*5.7	0	C 412	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
						0	C 413	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
	C 48	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 414	59.05.1103	1 pce	10n	PP, 1%, 63V
	C 49	59.60.2235		27p	CER 50V, 5%, C0G, 0603	0	C 415	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	C 416	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805		C 417	not used		100n	PETP, 63V, 10%, RM5
	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805		C 418	not used		100n	PETP, 63V, 10%, RM5
	C 53	59.68.0067		22u	EL 16V, 5.0*5.7		C 423	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
	C 54	59.68.0067		22u	EL 16V, 5.0*5.7		C 424	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
	C 55	59.68.0067		22u	EL 16V, 5.0*5.7		C 425	59.60.2373		1n0	CER 50V, 5%, COG, 0805
	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805		C 426	59.60.2373		1n0 1n0	CER 50V, 5%, C0G, 0805
	C 57	not used		33p	CER 50V, 5%, C0G, 0603		C 426				CER 50V, 10%, X7R, 0805
	C 58	not used	1 pce	33p	CER 50V, 5%, C0G, 0603			59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 59	59.60,3337	1 pce	100n	CER 50V, 10%, X7R, 0805		C 428	59.60.3337 59.60.3337		100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 60	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7	0		59.60.3337		100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 61	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805		C 430	59.60.3337 59.60.3337		100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805
	C 62	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805		C 431	59.60.3337		100n	
	C 101	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805		C 432	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 102	59.60.2235		27p	CER 50V, 5%, C0G, 0603		C 433	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 103	59.60.2359		270p	CER 50V, 5%, COG, 0805		C 434	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 104	59.63.0105		2n2	PEN 50V, 5%, 1206		C 435	59.68.0065		10u	EL 16V, 4.0*5.7
	C 105	59.63.1113		1n0	PPS 50V, 2%, 0805		C 436	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 106	59.60.2235		27p	CER 50V, 5%, C0G, 0603		C 437	59.68.0065		10u	EL 16V, 4.0*5.7
	C 107	59.68.0029		100u	EL 6V, 6.3*5.7	0	C 438	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 108	59.05.1103		10n	PP, 1%, 63V		C 439	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 109	59.60.2235		27p	CER 50V, 5%, C0G, 0603		C 440	59.68.0065		10u	EL 16V, 4.0*5.7
	C 110	59.60.3325		10n	CER 50V, 10%, X7R, 0805		D 1	not used	1 pce	4448	200mA 75V 4ns SOD 80
	C 110	59.68.0029		100u	EL 6V, 6.3*5.7	0	D 2	not used	1 pce	4448	200mA 75V 4ns SOD 80
	C 111	59.68.0029		100u	EL 6V, 6.3*5.7	0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
				27p	CER 50V, 5%, C0G, 0603	0	D 4	not used	1 pce	4448	200mA 75V 4ns SOD 80
	C 113	59.60.2235				0	D 5	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
	C 114	59.05.1103		10n	PP, 1%, 63V		D 6	50.60.8001		4448	200mA 75V 4ns SOD 80
	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0		50.60.8001		4448	200mA 75V 4ns SOD 80
	C 116	59.60.3337		100n	CER 50V, 10%, X7R, 0805		DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
	C 117	not used	1 pce	100n	PETP, 63V, 10%, RM5						
	C 118	not used	1 pce	100n	PETP, 63V, 10%, RM5		DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
	C 201	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805		DL 3	50.04.2202		HLMP1790	DL HLMP - 1790 GN
	C 202	59.60.2235		27p	CER 50V, 5%, C0G, 0603		DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
	C 203	59.60.2359		270p	CER 50V, 5%, C0G, 0805		DV 1	50.60.9026		24V	5%, 0.2W, SOT 23
		59.63.0105		2n2	PEN 50V, 5%, 1206		DV 2	50.04.1108		5V6	Zener, 5%, 0.5W, DO-35
	C 204			**			IC 1	50.62.0915	1 pce	CS8414	Digital Audio Receiver 96kHz
	C 204 C 205		1 pce	1n0	PPS 50V. 2%, 0805	0	10 1	00.02.0010		000414	Digital Addio Receiver Bokinz
	C 204 C 205 C 206	59.63.1113 59.60.2235		1n0 27p	PPS 50V, 2%, 0805 CER 50V, 5%, C0G, 0603		IC 2	50.62.0915		CS8414	Digital Audio Receiver 96kHz

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STUDER

C4DA/24/96, 24 Bit D/A 1.940.571.21 (4)

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	7	4 DIT L	/A 1.940.5/1.21	(4)			Page: 2 of
dx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 IC 4	not used	not used	not used	0 R8	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 IC 5	not used	not used	not used	0 R9	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 6	not used	not used	not used	0 R 10	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 7	not used 1 pce	LM317L	Series regulator 100mA+37V	0 R 11	57.60.1270 1 pce	27R	MF, 1%, 0204, E24
0 IC 8	50.14.1009 1 pce	7C128A	SRAM 2K*8 35ns	0 R 12	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 IC 9	50.62.3166 1 pce	74HCT166	8bit parallel in/serial out	0 R 13	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 IC 10	50.62.3166 1 pce	74HCT166	8bit parallel in/serial out	0 R 14	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 11	50.10.0104 1 pce	LM317SP	Series regulator 1.5A+37V	0 R 15	not used 1 pce	22R	MF, 1%, 0204, E24
0 IC 12	1.940.971.20 1 pce		SW 571 SICODAC (50.63.4205)	0 R 16	not used 1 pce	18k	MF, 1%, 0204, E24
0 IC 13	50.62.1904 1 pce 50.62.6014 1 pce	74HCU04	Hex inverter unbuffered	0 R 17 0 R 18	not used 1 pce 57.60.1221 1 pce	10k 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 14 0 IC 15	50.62.6014 1 pce 50.61.9001 1 pce	74ACT 14 LM393	Hex inverting Schmitt trigger Dual voltage comp. SO 8	0 R 19	57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24
0 IC 101	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 20	not used 1 pce	18k	MF, 1%, 0204, E24
0 IC 102	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 21	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 103	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 22	not used 1 pce	22R	MF, 1%, 0204, E24
0 IC 104	50.09.0106 1 pce	5532A	Dual Op-Amp,low noise	0 R 23	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 105	50.09.0106 1 pce	5532A	Dual Op-Amp,low noise	0 R 24	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 IC 106	50.61.8005 1 pce	AK4393	D/A Converter 24bit DS SOP28	0 R 25	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 IC 201	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 26	not used 1 pce	18k	MF, 1%, 0204, E24
0 IC 202	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 27	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 203	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 28	not used 1 pce	22R	MF, 1%, 0204, E24
0 IC 204	50.09.0106 1 pce	5532A	Dual Op-Amp,low noise	0 R 29	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 205	50.09.0106 1 pce	5532A	Dual Op-Amp,low noise	0 R 30	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 301	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 31	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 302	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 32	not used 1 pce	10k	MF, 1%, 0204, E24
0 IC 303	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 33	57.60.1821 1 pce	820R	MF, 1%, 0204, E24
0 IC 304 0 IC 305	50.09.0106 1 pce 50.09.0106 1 pce	5532A 5532A	Dual Op-Amp,low noise Dual Op-Amp,low noise	0 R34 0 R35	57.60.1821 1 pce 57.60.1821 1 pce	820R 820R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 306	50.61.8005 1 pce	AK4393	D/A Converter 24bit DS SOP28	0 R 36	not used 1 pce	240R	MF, 1%, 0204, E24
0 IC 401	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 37	not used 1 pce	390R	MF, 1%, 0204, E24
0 IC 402	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 38	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 IC 403	50.61.0204 1 pce	MC33078	Dual Op-Amp low noise	0 R 39	57.60.1821 1 pce	820R	MF, 1%, 0204, E24
0 IC 404	50.09.0106 1 pce	5532A	Dual Op-Amp,low noise	4 R 40	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 IC 405	50.09.0106 1 pce	5532A	Dual Op-Amp,low noise	0 R 41	57.60.1229 1 pce	2R2	MF, 1%, 0204, E24
0 J2	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0 R 42	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24
0 J5	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0 R 43	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
0 J6	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0 R 44	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 J 101	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0 R 45	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 J 201	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0 R 46	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 J 301	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	4 R 47	57.60.1821 1 pce	820R	MF, 1%, 0204, E24
0 J 401	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au	0 R 48	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 K1	56.04.0197 1 pce	2*u	24V 125V 2A Ag/Au	3 R 49	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 K2	56.04.0197 1 pce	2*u	24V 125V 2A Ag/Au	0 R 50	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 L1 0 L2	62.02.3331 1 pce	330uH 330uH	10%, radial RM 5 10%, radial RM 5	0 R 51 0 R 52	57.60.1103 1 pce not used 1 pce	10k 1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 L2 0 L3	62.02.3331 1 pce 62.03.0010 1 pce	48uH	2A Toroid Chocke	0 R 53	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 L3	62.03.0010 1 pce	48uH	2A Toroid Chocke	0 R 54	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24
1 MP1	1.940.571.12 1 pce	10011	D19M DA BOARD PCB	0 R 55	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 MP 2	1.940.571.04 1 pce		TYPENSCHILD	0 R 56	57.60.1153 1 pce	15k	MF, 1%, 0204, E24
0 MP3	43.01.0108 1 pce	Label	ESE-WARNSCHILD	0 R 57	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
0 MP4	1.101.001.20 1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20	0 R 58	57.60.1272 1 pce	2k7	MF, 1%, 0204, E24
0 MP 5	not used 1 pce		QUARZ - ISOLIERPLATTE	0 R 59	57.60.1223 1 pce	22k	MF, 1%, 0204, E24
0 MP6	50.20.3004 1 pce		Kühlkörper, TO 220, horizontal	0 R 60	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 MP 10	1.940.570.01 1 pce		FRONTPLATTE	0 R 61	57.60.1473 1 pce	47k	MF, 1%, 0204, E24
0 MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE	0 R 62	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)	0 R 63	57.60.1562 1 pce	5k6	MF, 1%, 0204, E24
0 MP 13 0 MP 14	49.02.0521 2 pcs		Metall-Buchse (Rack)	0 R 64 0 R 65	57.60.1683 1 pce 57.60.1103 1 pce	68k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 MP 14 0 MP 15	49.02.0522 2 pcs 49.02.0523 1 pce	M2.5*7	Kartenhalter mit Z-Schr Senk-Schr, KS, Senkripp	0 R 66	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff	0 R 67	57.92.7019 1 pce	0.4A	PTC 60V
0 MP 17	not used 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr	0 R 68	57.92.7019 1 pce	0.4A	PTC 60V
			IP14 (49.02.0522 Kartenhalter) enthalten	0 R 101	57.60.1362 1 pce	3k6	MF, 1%, 0204, E24
MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr	0 R 102	57.60.1820 1 pce	82R	MF, 1%, 0204, E24
MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 103	57.60.1511 1 pce	510R	MF, 1%, 0204, E24
MP 20	43.10.0112 1 pce	С	Revisions-Etikette 5mm h'blau	0 R 104	57.60.1511 1 pce	510R	MF, 1%, 0204, E24
) P1	54.11.2009 1 pce	96p	EU-R 3*32p	0 R 105	57.60.1511 1 pce	510R	MF, 1%, 0204, E24
0 P2 0 P3	54.01.0020 1 pce	1p	Pin, 1reihig, gerade Pin, 1reihig, gerade	0 R 106	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 P4	54.01.0020 1 pce 54.01.0020 1 pce	1p 1p	Pin, 1reinig, gerade	0 R 107	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 P5	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 108	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 P 101	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 109	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 P 201	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 110 0 R 111	57.60.1102 1 pce 57.60.1681 1 pce	1k0 680R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 P 301	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 112	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
P 401	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 113	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
Q 1	not used 1 pce	BC847B	NPN 45V 100mA SOT 23	0 R 114	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 Q 2	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 115	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 Q3	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 116	57.60.1120 1 pce	12R	MF, 1%, 0204, E24
0 Q4	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0 R 117	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
0 Q 5	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0 R 118	57.60.1120 1 pce	12R	MF, 1%, 0204, E24
0 Q6	50.60.0001 1 pce	BC847B	NPN 45V 100mA SOT 23	3 R 119	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 R1 0 R2	57.60.1471 1 pce 57.60.1471 1 pce	470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 120	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
0 R2	57.60.1471 1 pce	470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	3 R 121	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
D R4	57.92.7053 1 pce	1.6A	PTC 30V	0 R 122	57.60.1131 1 pce	130R	MF, 1%, 0204, E24
	57.60.1270 1 pce	27R	MF, 1%, 0204, E24	3 R 123	57.60.1472 1 pce 57.60.1472 1 pce	4k7 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 R5							
0 R5 0 R6	57.60.1103 1 pce	10k	MF, 1%, 0204, E24	0 R 124 3 R 125	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24

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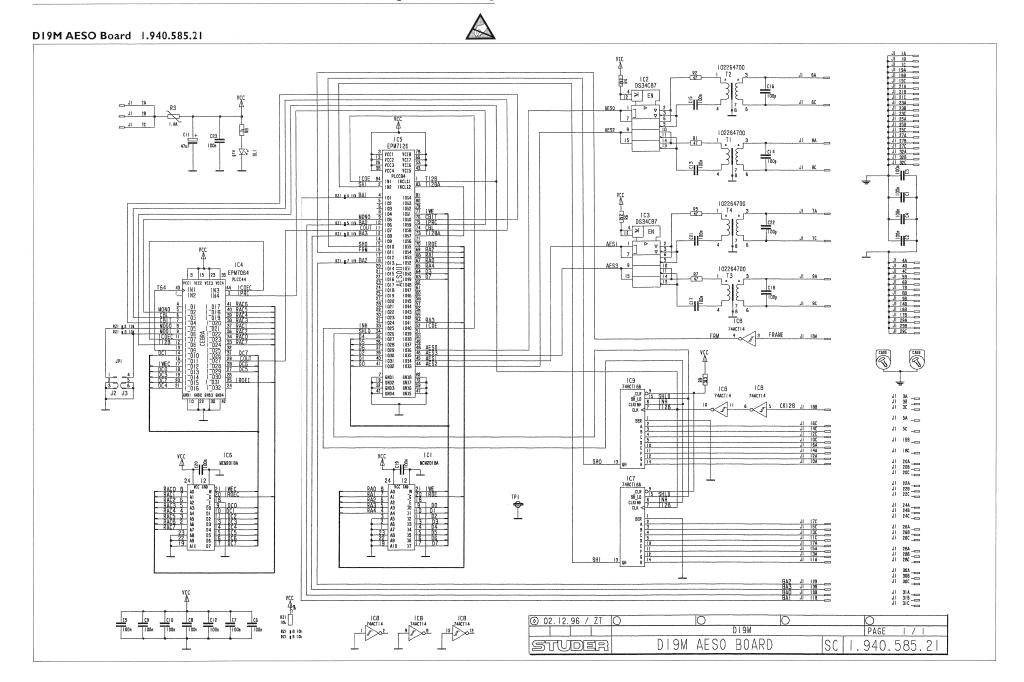
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•	4DA	/24/90, 2	4 DIL	D/A 1.940.571.21		" ,		
ζ.	Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No.	Qty.
	R 127	57.60.1120 1 pce	12R	MF, 1%, 0204, E24	3	R 425	57.60.147	2 1 pce
	R 128	57.60.1120 1 pce	12R	MF, 1%, 0204, E24		R 426	57.60.112	
	R 201	57.60.1362 1 pce	3k6	MF, 1%, 0204, E24		R 427	57.60.112	
	R 202	57.60.1820 1 pce	82R 510B	MF, 1%, 0204, E24		R 428 R 443	57.60.112 57.60.139	
	R 203 R 204	57.60.1511 1 pce 57.60.1511 1 pce	510R 510R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		R 444	57.60.110	
	R 205	57.60.1511 1 pce	510R	MF, 1%, 0204, E24		R 445	57.60.110	
	R 206	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0	R 446	57.60.110	
	R 207	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0	R 447	57.60.110	3 1 pce
	R 208	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		R 448	57.60.110	
)	R 209	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		RA 101	58.05.120	
0	R 210	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		RA 102	58.05.120	
0	R 211 R 212	57.60.1681 1 pce	680R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24		RA 201 RA 202	58.05.120 58.05.120	
0	R 213	57.60.1102 1 pce 57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		RA 301	58.05.120	
0	R 214	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		RA 302	58.05.120	
0	R 215	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0	RA 401	58.05.120	2 1 pce
0	R 216	57.60.1120 1 pce	12R	MF, 1%, 0204, E24	0	RA 402	58.05.120	1 1 pce
0	R 217	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		T 1	1.022.632.0	
0	R 218	57.60.1120 1 pce	12R	MF, 1%, 0204, E24		T 2	1.022.632.0	
3	R 219	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24		T 3 T 101	1.022.632.0	
3	R 220 R 221	57.60.1472 1 pce 57.60.1472 1 pce	4k7 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24		T 201	1.022.275.0	
0	R 222	57.60.1131 1 pce	130R	MF, 1%, 0204, E24		T 301	1.022.275.0	
3	R 223	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24	0	T 401	1.022.275.0	
)	R 224	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24	0	TP 1	54.02.032	0 1 pce
3	R 225	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24		XDL 1	50.20.250	
)	R 226	57.60.1121 1 pce	120R	MF, 1%, 0204, E24		XDL 2	50.20.250	
)	R 227	57.60.1120 1 pce	12R	MF, 1%, 0204, E24		XDL 3	50.20.250	
)	R 228 R 301	57.60.1120 1 pce 57.60.1362 1 pce	12R 3k6	MF, 1%, 0204, E24 MF, 1%, 0204, E24		XDL 4 XIC 12	50.20.250 53.03.228	
	R 302	57.60.1820 1 pce	82R	MF, 1%, 0204, E24		XIC 10	53.03.0166	
	R 303	57.60.1511 1 pce	510R	MF, 1%, 0204, E24		XIC 10	53.03.016	
)	R 304	57.60.1511 1 pce	510R	MF, 1%, 0204, E24		XIC 20	53.03.0166	
	R 305	57.60.1511 1 pce	510R	MF, 1%, 0204, E24	0	XIC 20	53.03.0166	6 1 pce
	R 306	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		XIC 30	53.03.0166	6 1 pce
	R 307	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		XIC 30	53.03.0166	
	R 308	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		XIC 40	53.03.0166	
	R 309	57.60.1102 1 pce	1k0 1k0	MF, 1%, 0204, E24		XIC 40 Y 1	53.03.0166 not used	
	R 310 R 311	57.60.1102 1 pce 57.60.1681 1 pce	680R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	U	1 1	not used	и грое
	R 312	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
	R 313	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
	R 314	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
	R 315	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24			Modification D8 and MP20	
	R 316	57.60.1120 1 pce	12R	MF, 1%, 0204, E24	(3) Im	provemen	t of stability: Se	
)	R 317	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	(4) IM	provea +a	VA stability in p	ower do
,	R 318 R 319	57.60.1120 1 pce 57.60.1472 1 pce	12R 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
	R 320	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
,	R 321	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
)	R 322	57.60.1131 1 pce	130R	MF, 1%, 0204, E24				
3	R 323	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
	R 324	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
	R 325 R 326	57.60.1472 1 pce 57.60.1121 1 pce	4k7 120R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
	R 327	57.60.1120 1 pce	12R	MF, 1%, 0204, E24				
	R 328	57.60.1120 1 pce	12R	MF, 1%, 0204, E24				
)	R 330	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 331	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 332	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
)	R 333 R 334	57.60.1103 1 pce 57.60.1100 1 pce	10k 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0	R 401	57.60.1362 1 pce	3k6	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0	R 402	57.60.1820 1 pce	82R	MF, 1%, 0204, E24				
5	R 403	57.60.1511 1 pcc	510R	MF, 1%, 0204, E24				
0	R 404	57.60.1511 1 pce	510R	MF, 1%, 0204, E24				
)	R 405	57.60.1511 1 pce	510R	MF, 1%, 0204, E24				
0	R 406	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
0	R 407 R 408	57.60.1102 1 pce 57.60.1102 1 pce	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0	R 409	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0	R 410	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
0	R 411	57.60.1681 1 pce	680R	MF, 1%, 0204, E24				
0	R 412	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
0	R 413	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
0	R 414	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
0	R 415 R 416	57.60.1102 1 pce 57.60.1120 1 pce	1k0 12R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0	R 417	57.60.1120 1 pce	12R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
)	R 418	57.60.1102 1 pce	12R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
3	R 419	57.60.1472 1 pce	4k7	MF. 1%. 0204. E24				
	R 420	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
	D 404	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
	R 421							
	R 422	57.60.1131 1 pce	130R	MF, 1%, 0204, E24				
0 3 0 3				MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24				

ldx.	Pos.	Part No. Qty.	Type/Val.	Description
3	R 425	57.60.1472 1 pce	4k7	MF. 1%. 0204. E24
0	R 426	57.60.1121 1 pce	120R	MF, 1%, 0204, E24
0	R 427	57.60.1120 1 pce	12R	MF, 1%, 0204, E24
0	R 428	57.60.1120 1 pce	12R	MF, 1%, 0204, E24
0	R 443	57.60.1391 1 pce	390R	MF, 1%, 0204, E24
0	R 444	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0	R 445	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0	R 446	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0	R 447	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
0	R 448	57.60.1100 1 pce	10R	MF, 1%, 0204, E24
0	RA 101	58.05.1202 1 pce	2k0	10%, 0.5W, Cermet
0	RA 102	58.05.1201 1 pce	200R	10%, 0.5W, Cermet
0	RA 201	58.05.1202 1 pce	2k0	10%, 0.5W, Cermet
0	RA 202	58.05.1201 1 pce	200R	10%, 0.5W, Cermet
0	RA 301	58.05.1202 1 pce	2k0	10%, 0.5W, Cermet
0	RA 302	58.05.1201 1 pce	200R	10%, 0.5W, Cermet
0	RA 401	58.05.1202 1 pce	2k0	10%, 0.5W, Cermet
0	RA 402	58.05.1201 1 pce	200R	10%, 0.5W, Cermet
0	T 1	1.022.632.00 1 pce	1:1	DI/DO TRANSFORMER
0	T 2	1.022.632.00 1 pce	1:1	DI/DO TRANSFORMER
0	T 3	1.022.632.00 1 pce	1:1	DI/DO TRANSFORMER
0	T 101	1.022.275.00 1 pce		TRIFILARTRAFO OUTPUT
0	T 201	1.022.275.00 1 pce		TRIFILARTRAFO OUTPUT
0	T 301	1.022.275.00 1 pce		TRIFILARTRAFO OUTPUT
0	T 401	1.022.275.00 1 pce		TRIFILARTRAFO OUTPUT
0	TP 1	54.02.0320 1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501 1 pce	Spacer	LED-Sockel
0	XDL 2	50.20.2501 1 pce	Spacer	LED-Sockel
0	XDL 3	50.20.2501 1 pce	Spacer	LED-Sockel
0	XDL 4	50.20.2501 1 pce	Spacer	LED-Sockel
0	XIC 12	53.03.2284 1 pce	84p	PLCC-Socket
0	XIC 10	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	XIC 10	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.0166 1 pce	8р	DIL 0.3", löt, gerade
0	XIC 20	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	XIC 30	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	XIC 30	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	XIC 40	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	XIC 40	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade
0	Y 1	not used 1 pce	12.288MHz	XTAL HC 49/U

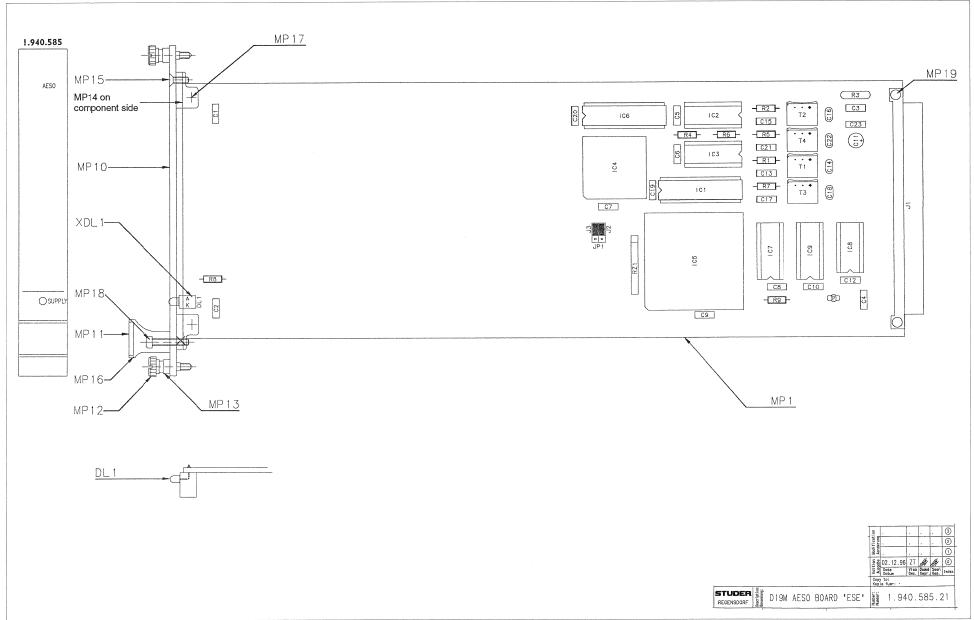
End of List

resistors replaced down mode: R40 and R47 replaced









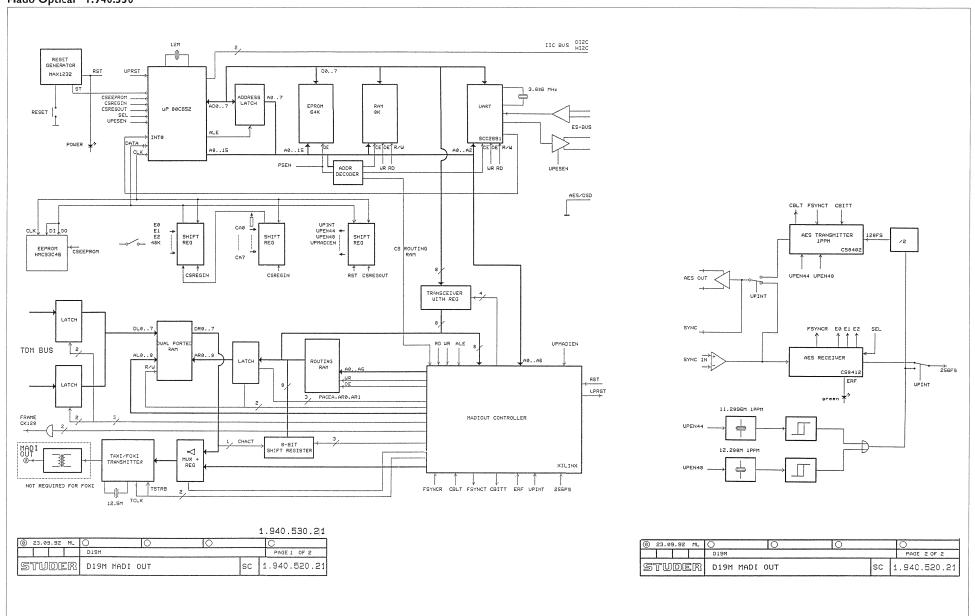




DI9m AESO Board 1.940.585.22

ıx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	
	C 1	59.06.0104		100n	PETP, 63V, 10%, RM5	0	TP 1	54.02.0320		1p	Flatpin, 2.8*0.8mm	
	C 2	59.06.0104		100n	PETP, 63V, 10%, RM5	U	11 1	04.02.0320		14		
)	C 3	59.06.0104		100n	PETP, 63V, 10%, RM5	0	XDL 1	50.20.2501		Spacer	LED-Sockel	
)	C 4	59.06.0104		100n	PETP, 63V, 10%, RM5	U	VDL I	50.20.2501		Spacei	LED-SUCKEI	
1	C 5	59.06.0104		100n	PETP, 63V, 10%, RM5		VIO 0	50.00.0400		40	DII 0 011 124	
,	C 6	59.06,0104		100n	PETP, 63V, 10%, RM5	0	XIC 2	53.03.0168		16p	DIL 0.3", löt, gerade	
)	C 7	59.06.0104		100n	PETP, 63V, 10%, RM5	0	XIC 3	53.03.0168		16p	DIL 0.3", löt, gerade	
)	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5	0	XIC 4	53.03.2244		PLCC44p	PLCC-Socket 44p	
)	C 9	59.06.0104		100n	PETP, 63V, 10%, RM5	0	XIC 5	53.03.2284		PLCC84p	PLCC-Socket 84p	
)	C 10	59.06.0104		100n	PETP, 63V, 10%, RM5					End of L	ist	
כ	C 11	59.22.3470		47u	EL 10V, 20%, RM5					End of L		
3	C 12	59.06.0104		100n	PETP, 63V, 10%, RM5	Cor	nments					
0	C 13	59.06.0104		100n	PETP, 63V, 10%, RM5	IC-Sc	ckel)	(IC nn entspreche	nd den l	C Nummern b	estücken.	
0	C 14	59.34.4101		100p	CER 63V, 5%, N750	LED-	Sockel 2	(DL nn entspreche	end den D	DL Nummern b	estücken.	
0	C 15	59.06.0104		100n	PETP, 63V, 10%, RM5							
)	C 16	59.34.4101		100p	CER 63V, 5%, N750							
					PETP, 63V, 10%, RM5							
0	C 17	59.06.0104		100n								
)	C 18	59.34.4101		100p	CER 63V, 5%, N750							
0	C 19	59.06.0104		100n	PETP, 63V, 10%, RM5							
0	C 20	59.06.0104		100n	PETP, 63V, 10%, RM5							
0	C 21	59.06.0104		100n	PETP, 63V, 10%, RM5							
0	C 22	59.34.4101		100p	CER 63V, 5%, N750							
0	C 23	59.06.0104		100n	PETP, 63V, 10%, RM5							
-												
)	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN							
0	IC 1	50 14 1000		CY7C128-35	IC MCM 2018 A - 35 ,A							
		50.14.1009										
0	IC 2	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A							
0	IC 3	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A							
0	IC 4	1.940.962.21			SW 585 CEBRA (50.63.4202)							
0	IC 5	1.940.964.21			SW 585 AESOUT (50.63.4205)							
0	IC 6	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A							
0	IC 7	50,17.0166		74HCT166	8 Bit parallel in/serial out							
					74 ACT 14 .							
0	IC 8	50.17.7014		ACT14								
0	IC 9	50.17.0166		74HCT166	8 Bit parallel in/serial out							
0	J 1	54.11.2009			J EU-R 3 * 32							
0	J 2	54.01.0021		Jumper	0.63 * 0.63mm							
0	J 3	54.01.0021		Jumper	0.63 * 0.63mm							
0	JP 1	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54							
0	MP 1	1.940.585.12			D19M AESO BOARD PCB							
0	MP 2	1.940.585.04			TYPENSCHILD							
				Lohol								
0	MP 3	43.01.0108	mp	Label	ESE-WARNSCHILD							
0	MP 4	1.101.001.20	mp	Label	TEXT-ETIK. 5*20 HARDWARE -20							
0	MP 10	1.940.585.01	1 pce		FRONTPLATTE							
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE							
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)							
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)							
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)							
0	MP 15	49.02.0523		M2.5*7	Senk-Schr, KS, Senkripp							
0	MP 16	49.02.0504	1 pce		Frontplatten-Griff							
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6							
0	MP 18		1 pce		Z - SCHR. IS , ZN , M2.5 * 16							
0	MP 19		2 pcs		ROHRNIETE D 2.5*0.15* 9							
0	R 1	57.11.3470		47R	MF, 1%, 0207							
0	R 2	57.11.3470		47R	MF, 1%, 0207							
0	R3	57.92.7053		1.6A	POLY- PTC, 30V							
0	R 4	57.11.3222		2k2	MF, 1%, 0207							
0	R 5	57.11.3470		47R	MF, 1%, 0207							
0	R6	57.11.3222		2k2	MF, 1%, 0207							
0	R7	57.11.3470		47R	MF, 1%, 0207							
				1k0	MF, 1%, 0207 MF, 1%, 0207							
0	R 8 R 9	57.11.3102 57.11.3332		3k3	MF, 1%, 0207							
0	RZ 1	57.88.4103		8*10k	2%, SIP 9							
	т 1	1 000 647 00		1:1.4	OUTPUT TRAFO AES/EBU							
c	T 1	1.022.647.00										
0		1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU							
0	T 2											
0	Т3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU							
0				1:1.4 1:1.4	OUTPUT TRAFO AES/EBU OUTPUT TRAFO AES/EBU							

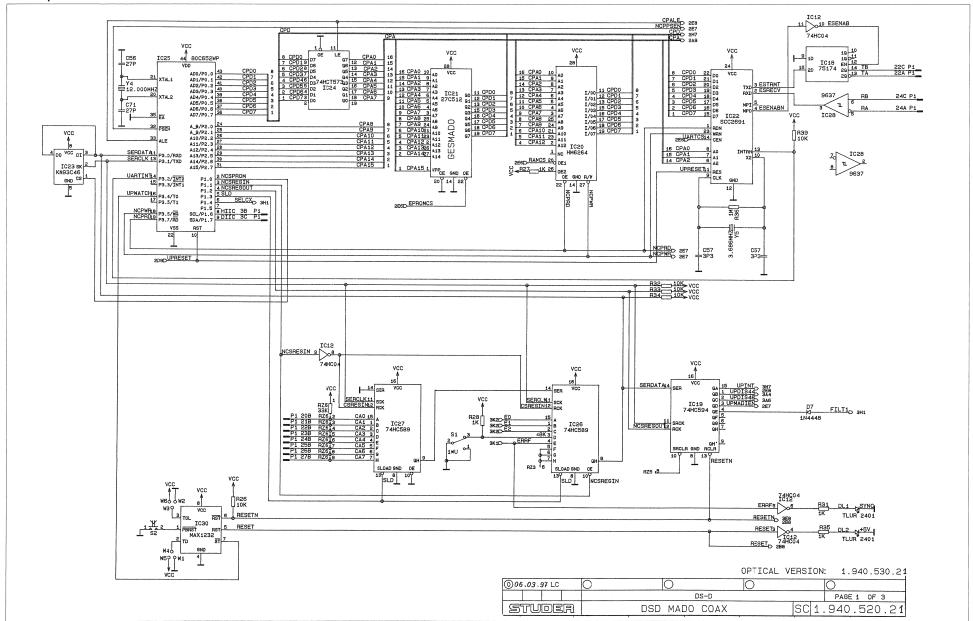
Block Diagram
D19M Mado Coaxial 1.940.520
Mado Optical 1.940.530



STUDER

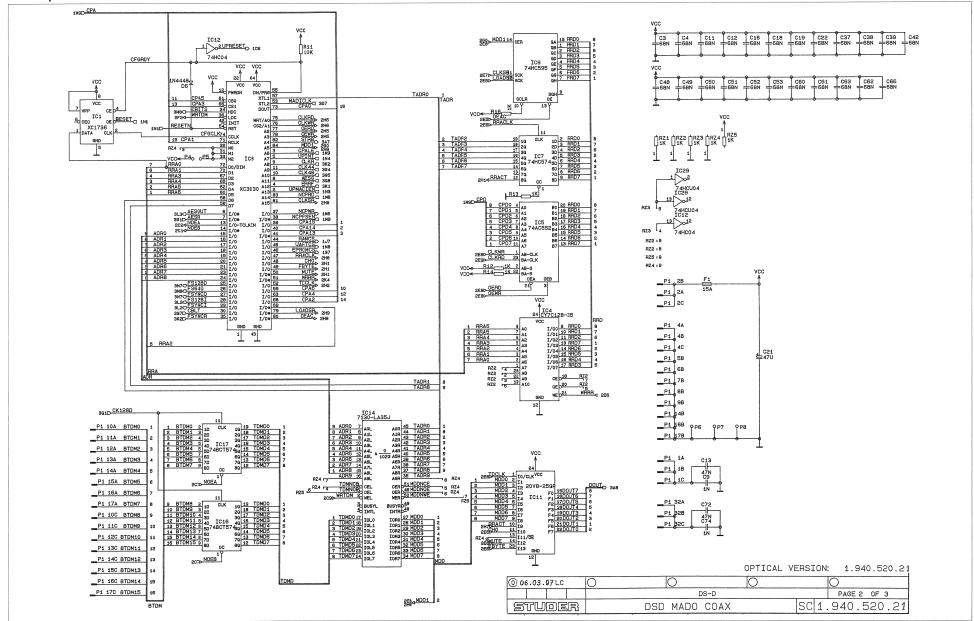
D19M Mado Coaxial 1.940.520.21 Mado Optical 1.940.530.21





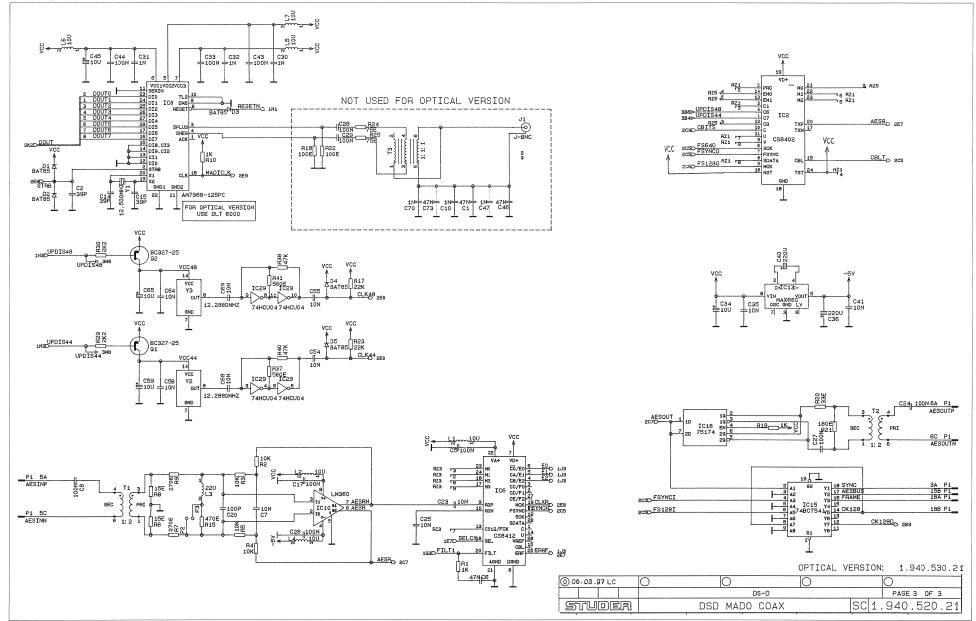
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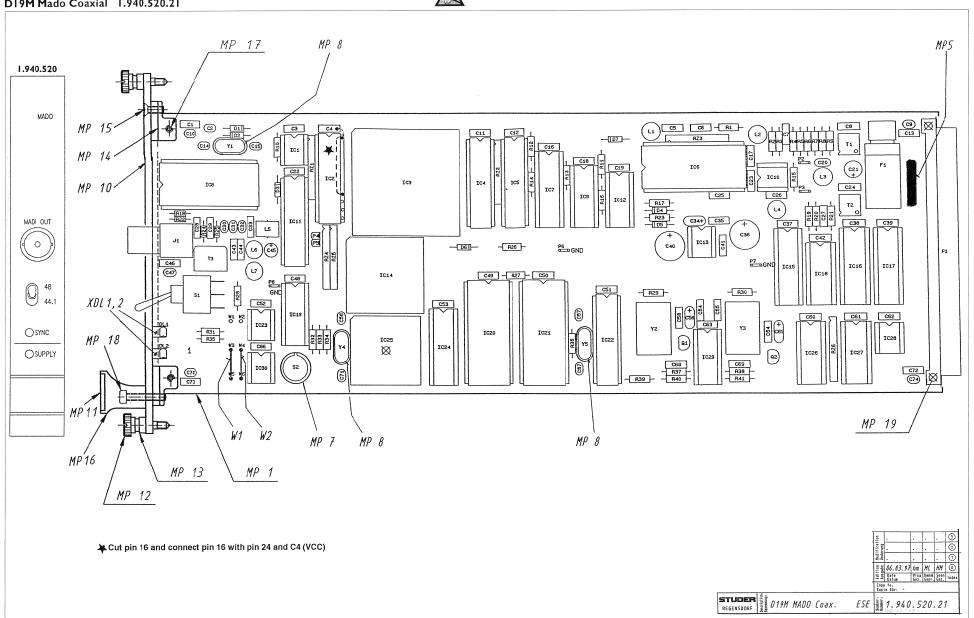
D19M Mado Coaxial 1.940.520.21 Mado Optical 1.940.530.21







D19M Mado Coaxial 1.940.520.21







D19M Mado Coaxial 1.940.520.21

ldx	. Pos	s.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Val.	Description
0	C 1	1	59.06.0473	47n	PETP, 63V, 10%, RM5	0	IC 1	1.940.946.21		SW 520 MADIOUT (50.14.1501)
0	C 2		59.34.2390	39p	CER 63V, 5%, N150	0	IC 2	50.13.0203		IC CS 8402-CP ,A
0	С 3	3	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 3	50.63.4003		IC ATT3030-125, XC3030A-6,A
0	C 4	4	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 4	50.14.1009	CY7C128-35	IC MCM 2018 A - 35 ,A
0	C 5	5	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 5	50.17.5652	74AC652	IC 74 AC 652 . ,A
0	C 6		59.06.0473	47n	PETP, 63V, 10%, RM5	0	IC 6	50.13.0202	CS8412	IC CS 8412-CP ,A
0	C 7		59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 7	50.17.1574	74HC574	IC 74 HC 574 ., ,A
0	C 8		59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 8	50.16.0701	AM7968-125P	IC AM 7968-125 PC ,A
0	C S		59.32,4102	1n	C 1000 P, 20%, 50V, CER	0	IC 9	50.17.1595	74HC595	IC 74 HC 595 ., ,A
0	C 1		59.32.4102	1n	C 1000 P, 20%, 50V, CER	0	IC 10	50.11.1002	LM360	High speed Comparator
0	C 1		59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 11	1.940.947.20	LIVICOU	SW 520 TAXIREG (50.18.0101)
-						0	IC 12	50.17.1004	74HC04	
0	C 1		59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 12			IC 74 HC 04 ., ,A
0	C 1		59.06.0473	47n	PETP, 63V, 10%, RM5	0	IC 14	50.10.0124	MAX660	V-Converter +5.5V to -5.5V IC CY7C 130 - 45 LC ,A
0	C 1		59.34.2390	39p	CER 63V, 5%, N150			50.63.1702	CY7C130	Y 1
0	C 1		59.34.2390	39p	CER 63V, 5%, N150	0	IC 15	50.17.8541	74BCT541	Octal Buffer, tri
0	C 1		59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 16	50.17.8574	74BCT574	Octal D-Type FF, tri
0	C 1		59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 17	50.17.8574	74BCT574	Octal D-Type FF, tri
0	C 1		59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 18	50.15.0121	75174	IC SN 75174 N
0	C 1		59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 19	50.17.1594	74HC594	IC 74 HC 594 ., ,A
0	C 2	20	59.34.4101	100p	CER 63V, 5%, N750	0	IC 20	50.14.0133	5565	IC HM 6264LP-15 ,A
0	C 2	21	59.22.3470	47u	EL 10V, 20%, RM5	0	IC 21	1.940.945.20		SW 520 MADO (50.14.2002)
0	C 2	22	59.06.0683	68n	PETP, 63V, 10%, RM5	0	IC 22	50.16.0201	SCC2691	IC SCC 2691 AE 1 N 24 ,A
0			59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 23	50.14.2103	HY93C46S	EEPROM 64 * 16, serial
0			59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 24	50.17.0573	74HCT573	IC 74 HCT573 ., ,A
0			59.06.0103	10n	PETP, 63V, 10%, RM5	0	IC 25	50.63.0009	80C652	8bit microcontroller
. 0			59.06.0104	100n	PETP, 63V, 10%, RM5	ō	IC 26	50.17.1589	74HC589	MC 74 HC 589 N
. 0			59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 27	50.17.1589	74HC589	MC 74 HC 589 N
0			59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 28	50,15.0114	9637	Dual diff Line Receiver
0			59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 29	50.17.1904	74HCU04	IC 74 HCU 04 ., ,A
0			59.32.4102	100ii 1n	C 1000 P , 20%, 50V , CER	0	IC 30	50.11.0159	MAX1232	IC MAX 1232 CPA, DS 1232
						U	10 00	50.11.0138	IVIAN IZOZ	10 WAX 1232 GFA, DO 1232
0			59.32.4102	1n 1n	C 1000 P 20%, 50V, CER	^	1.1	EA 24 2024	DNC	1 1 DOL DEINTAMBUCEL BAIC
0			59.32.4102	1n	C 1000 P , 20%, 50V , CER	0	J 1	54.21.2031	BNC	J 1 POL PRINT/WINKEL BNC
0			59.06.0104	100n	PETP, 63V, 10%, RM5					
0			59.22.6100	10u	EL 35V, 20%, RM5	0	L 1	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5
0	C:	35	59.06.0103	10n	PETP, 63V, 10%, RM5	0	L 2	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5
0	C:	36	59.22.4221	220u	EL 16V, 20%, RM5	0	L 3	62.02.3220	22uH	L 22 U , 10%, RAD., RM 5
0	C:	37	59.06.0683	68n	PETP, 63V, 10%, RM5	0	L 4	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5
0	C:	38	59.06.0683	68n	PETP, 63V, 10%, RM5	0	L 5	62.03.0001	10uH	1A Toroid Chocke
0	C:	39	59.06.0683	68n	PETP, 63V, 10%, RM5	0	L 6	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5
0	C 4	40	59.22.4221	220u	EL 16V, 20%, RM5	0	L 7	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5
0	C.	41	59.06.0103	10n	PETP, 63V, 10%, RM5					
0	C.	42	59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 1	1.940.520.11		D19M MADO PCB
0	C.	43	59.06.0104	100n	PETP, 63V, 10%, RM5	0	MP 2	1.010.057.43		Baugruppenschild
0			59.06.0104	100n	PETP, 63V, 10%, RM5	0	MP 3	43.01.0108	Label	ESE-WARNSCHILD
0			59.22.6100	10u	EL 35V, 20%, RM5	0	MP 4	1.101.001.20	Label	TEXT-ETIK. 5*20 HARDWARE -20
0			59.06.0473	47n	PETP, 63V, 10%, RM5	0	MP 5	1.010.117.51		TEXT-ETIK. 5*20 (T1.60A)
0			59.32.4102	1n	C 1000 P, 20%, 50V, CER	0	MP 7	1.010.015.50	Spacer	ISOLIER-SCHEIBE ZU TO 5
0			59.06.0683	68n	PETP, 63V, 10%, RM5	Ö	MP 8	89.01.1499 3 pcs	Орассі	QUARZ - ISOLIERPLATTE
0			59.06.0683	68n		0	MP 10	1.940.520.01 1 pce		FRONTPLATTE
0			59.06.0683		PETP, 63V, 10%, RM5	0	MP 11			GRIFFEINLAGE 4TE
0			59.06.0683	68n 68n	PETP, 63V, 10%, RM5	0	MP 12	1.940.600.04 1 pce 49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
0					PETP, 63V, 10%, RM5	0	MP 13	49.02.0520 2 pcs	WZ.5 12	
0			59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 14			
0			59.06.0683	68n	PETP, 63V, 10%, RM5	0	MP 15	49.02.0522 2 pcs	MO 5*7	Kartenhalter (Rack)
			59.06.0103	10n	PETP, 63V, 10%, RM5	0		49.02.0523 2 pcs	M2.5*7	Senk-Schr, KS, Senkripp
0			59.06.0103	10n	PETP, 63V, 10%, RM5		MP 16	•	4TE	Frontplatten-Griff
0			59.34.2270	27p	CER 63V, 5%, N150	0	MP 17 MP 18	21.53.0279 2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0			59.34.0339	3p3	CER 63V, 5%, P100	0		21.53.0284 1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	-		59.06.0103	10n	PETP, 63V, 10%, RM5	U	MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
0			59.22.6100	10u	EL 35V, 20%, RM5	_	D.4	F		
0			59.06.0683	68n	PETP, 63V, 10%, RM5	0	P1	54.11.2009	96p	EU-R 3*32p
0			59.06.0683	68n	PETP. 63V, 10%, RM5	0	P2	54.02.0320	1p	Flatpin, 2.8*0.8mm
0			59.06.0683	68n	PETP, 63V, 10%, RM5	0	P 3	54.02.0320	1p	Flatpin, 2.8*0.8mm
0			59.06.0683	68n	PETP, 63V, 10%, RM5	0	P 4	54.01.0020	1p	Pin 0.63*0.63
0			59.06.0103	10n	PETP, 63V, 10%, RM5	0	P 5	54.01.0020	1p	Pin 0.63*0.63
0			59.22.6100	10u	EL 35V, 20%, RM5	0	P 6	54.02.0320	1p	Flatpin, 2.8*0.8mm
0			59.06.0683	68n	PETP, 63V, 10%, RM5	0	P 7	54.02.0320	1p	Flatpin, 2.8*0.8mm
0			59.34.0339	3p3	CER 63V, 5%, P100	0	P 8	54.02.0320	1p	Flatpin, 2.8*0.8mm
0	C	68	59.06.0103	10n	PETP, 63V, 10%, RM5					
0	C	69	59.06.0103	10n	PETP, 63V, 10%, RM5	0	Q 1	50.03.0351	BC327-25	PNP, 800mA
0	C	70	59.32.4102	1n	C 1000 P, 20%, 50V, CER	0	Q 2	50.03.0351	BC327-25	PNP, 800mA
0	C	71	59.34.2270	27p	CER 63V, 5%, N150					
0			59.06.0473	47n	PETP, 63V, 10%, RM5	0	R 1	57.11.3102	1k0	MF, 1%, 0207
0			59.06.0473	47n	PETP, 63V, 10%, RM5	0	R 2	57.11.3103	10k	MF, 1%, 0207
0			59.32.4102	1n	C 1000 P, 20%, 50V, CER	0	R 3	57.11.3103	10k	MF, 1%, 0207
					•	0	R 4	57.11.3103	10k	MF, 1%, 0207
0	D	1	50.04.0127	BAT85	200mA, Schottky	0	R 5	57.11.3103	10k	MF, 1%, 0207
0			50.04.0127	BAT85	200mA, Schottky	0	R 6	57.11.3150	15R	MF, 1%, 0207
U			50.04.0127	BAT85	200mA, Schottky	0	R 7	57.11.3271	270R	MF, 1%, 0207
0			50.04.0127	BAT85	200mA, Schottky	0	R 8	57.11.3150	15R	MF, 1%, 0207
	η.		50.04.0127	BAT85	200mA, Schottky	ō	R9	57.11.3271	270R	MF, 1%, 0207
0				1N4448	75V, 150mA, 4ns, DO-35	ō	R 10	57.11.3102	1k0	MF, 1%, 0207
0	D:			111-17-10		0	R 11	57.11.3103	10k	MF, 1%, 0207
0	D i	6	50.04.0125	4514440						
0	D i	6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35					
0 0 0	D :	6 7	50.04.0125			0	R 12	57.11.3102	1k0	MF, 1%, 0207
0 0 0	D :	6 7 _ 1	50.04.0125 50.04.2202	HLMP1790	DL HLMP - 1790 GN	0 0	R 12 R 13	57.11.3102 57.11.3102	1k0 1k0	MF, 1%, 0207 MF, 1%, 0207
0 0 0	D :	6 7 _ 1	50.04.0125			0 0 0	R 12 R 13 R 14	57.11.3102 57.11.3102 57.11.3102	1k0 1k0 1k0	MF, 1%, 0207 MF, 1%, 0207 MF, 1%, 0207
0 0 0	D :	6 7 _ 1 _ 2	50.04.0125 50.04.2202	HLMP1790	DL HLMP - 1790 GN	0 0	R 12 R 13	57.11.3102 57.11.3102	1k0 1k0	MF, 1%, 0207 MF, 1%, 0207



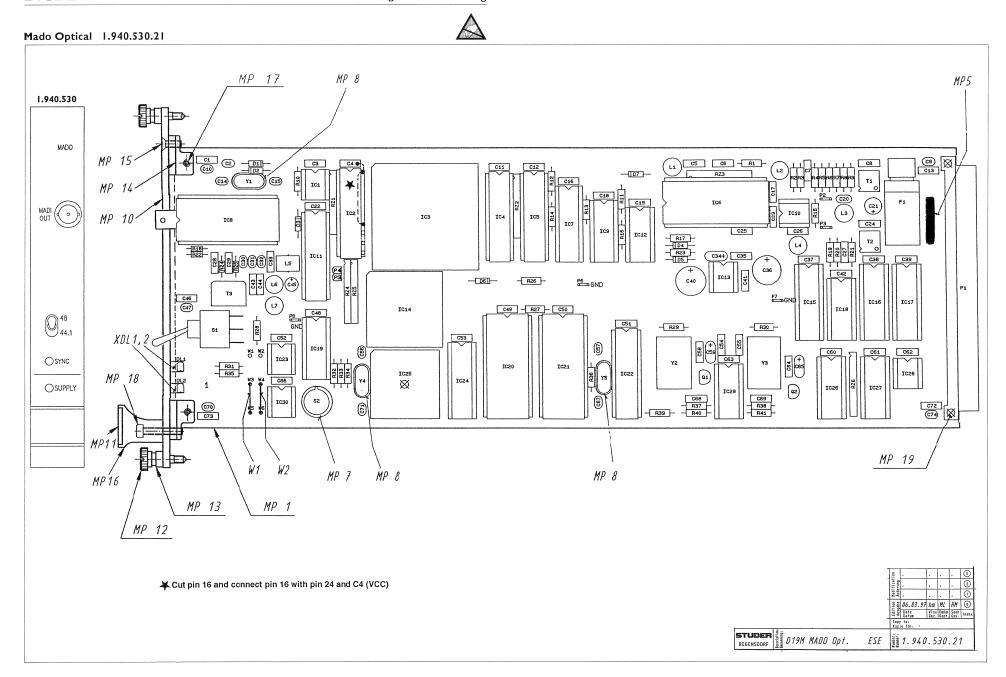


D19M Mado Coaxial 1.940.520.21

וט	A LAI	mado Coaxiai	1.940	.520.21
ldx.	Pos.	Part No. Qty.	Type/Val.	Description
0	R 17	57.11.3223	22k	MF, 1%, 0207
0	R 18	57.10.1101	100R	MF, 1%, 0204
0	R 19	57.11.3102	1k0	MF, 1%, 0207
0	R 20	57.11.3330	33R	MF, 1%, 0207
0	R 21	57.11.3181	180R	MF, 1%, 0207
0	R 22	57.10.1101	100R	MF. 1%, 0204
0	R 23	57.11.3223	22k	MF, 1%, 0207
0	R 24	57.10.1750	75R	MF, 1%, 0204
0	R 25	57.10.1750	75R	MF, 1%, 0204
0	R 26	57.11.3103	10k	MF, 1%, 0207
0	R 27	57.11.3102	1k0	MF, 1%, 0207
0	R 28	57.11.3102	1k0	MF, 1%, 0207
0	R 29	57.11.3222	2k2	MF, 1%, 0207
0	R 30	57.11.3222	2k2	MF, 1%, 0207
0	R 31	57.11.3102	1k0	MF, 1%, 0207
0	R 32	57.11.3103	10k	MF, 1%, 0207
0	R 33	57.11.3103	10k	MF, 1%, 0207
0	R 34	57.11.3103	10k	MF, 1%, 0207
0	R 35	57.11.3102	1k0	MF, 1%, 0207
0	R 36	57.11.3105	1M0	MF, 1%, 0207
0	R 37	57.11.3561	560R	MF, 1%, 0207
0	R 38	57.11.3473	47k	MF, 1%, 0207
0	R 39		10k	MF, 1%, 0207
0	R 40	57.11.3473	47k	MF, 1%, 0207
0	R 41	57.11.3561	560R	MF, 1%, 0207
0	RZ 1		8*1k	2%, SIP 9
0	RZ 2		8*1k	2%, SIP 9
0	RZ 3		8*1k	2%, SIP 9
0	RZ 4	0110011102	8*1k	2%, SIP 9
0	RZ 5		8*1k	2%, SIP 9
0	RZ 6	57.88.4333	8*33k	2%, SIP 9
0	S 1	55.11.0202	SPST	Toggle on - none - on
0	S 2	55.03.0122	1*a	S 1 TASTE, 1*A, PRINT, IMPULS
0	T 1	63.15.0021		RF - Trafo
0	T 2	63.15.0021		RF - Trafo
0	T 3	63.15.0001		IMPULSTRANSFORMATOR
0	W 1	1.010.324.64	Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0	W 2	1.010.324.64	Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
. 0	XDL	1 50.20.2501	Spacer	LED-Sockel
0	XDL		Spacer	LED-Sockel
0	XF 1	53.03.0118		XF 5 * 20, PRINT-LIEGEND
0	XIC	1 53.03.0166	8p	DIL 0.3", löt, gerade
0	XIC:	3 53.03.2284	PLCC84p	PLCC-Socket 84p
0	XIC		24p	DIL 0.3", löt, gerade
0	XIC		PLCC52p	PLCC-Socket 52p
0	XIC		20p	DIL 0.3", löt, gerade
0	XIC		20p	DIL 0.3", löt, gerade
0	XIC		20p	DIL 0.3", löt, gerade
0	XIC		16p	DIL 0.3", löt, gerade
0	XIC:		28p	DIL 0.6", löt, gerade
0	XIC:		PLCC44p	PLCC-Socket 44p
0	XIC:		8p	DIL 0.3", löt, gerade
0	Y 1	89.01.1013	12.500MHz	12.500 000 MHz, HC 49/U
0	Y 2	89.01.1602	11.2896MHz	
0	Y 3	89.01.1601	12.288MHz	TCXO Xtal-Oscillator temp comp
0	Y 4	89.01.1014	12.000MHz	12.000 000 MHz, HC 49/U
0	Y 5	89.01.1002	3.686MHz	3.686 400 MHz, HC 18/U

---- End of List -----

<u>Comments:</u> new software 1.940.946-20 to -21



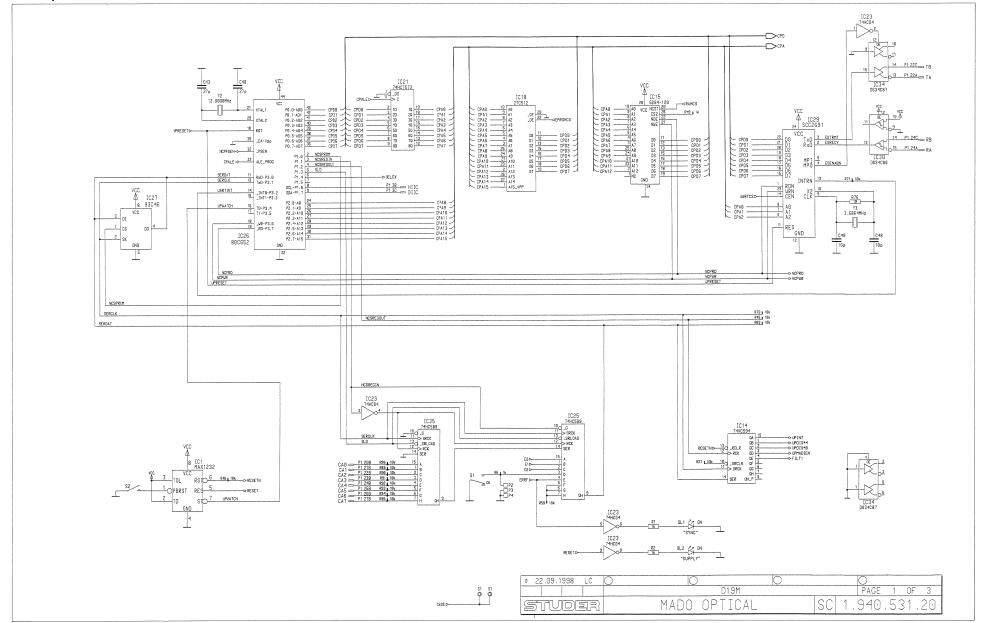
STUDER



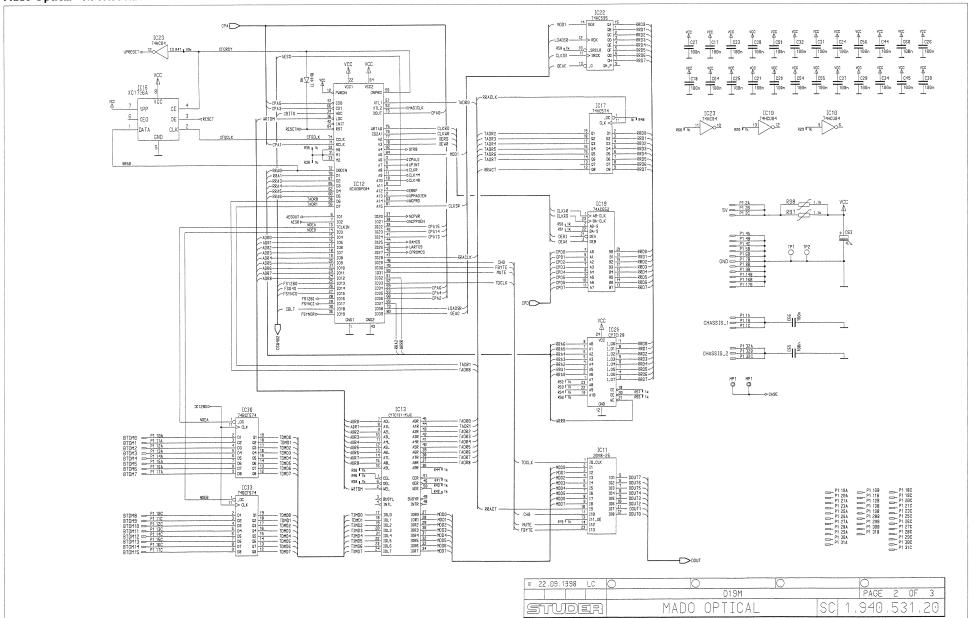
iado O	tical 1.940.53	0.21									
ldx. Pos.	Part No. Qty. Type	∕Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 C1	not used 47n		PETP, 63V, 10%, RM5	0 IC1	1.940.946.21		SW 520 MADIOUT (50.14.1501)	0 R 19	57.11.3102	1k0	MF, 1%, 0207
C 2	59.34.2390 39p		CER 63V, 5%, N150	0 IC 2	50.13.0203		IC CS 8402-CP ,A	0 R 20	57.11.3330	33R	MF, 1%, 0207
C 3	59.06.0683 68n		PETP, 63V, 10%, RM5	0 IC3	50.63.4003 50.14.1009	0./70400.05	IC ATT3030-125, XC3030A-6,A IC MCM 2018 A - 35 ,A	0 R 21 0 R 22	57.11.3181 not used	180R 100R	MF, 1%, 0207 MF, 1%, 0204
C 4 C 5	59.06.0683 68n 59.06.0104 100n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 IC 4 0 IC 5	50.17.5652	74AC652	IC 74 AC 652 . ,A	0 R23	57.11.3223	22k	ME. 1% 0207
C6	59.06.0104 1001		PETP, 63V, 10%, RM5	0 106	50.13.0202	CS8412	IC CS 8412-CP ,A	0 R 24	not used	75R	MF, 1%, 0204
C7	59.06.0103 10n		PETP, 63V, 10%, RM5	0 IC 7	50.17.1574	74HC574	IC 74 HC 574 ., ,A	0 R 25	not used	75R	MF, 1%, 0204
C 8	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC8	89.10.0001		DLT 6000 (LWL - MODUL) ,A	0 R 26	57.11.3103	10k	MF, 1%, 0207
C 9	59.32.4102 1n		C 1000 P, 20%, 50V, CER	0 IC9	50.17.1595	74HC595	IC 74 HC 595 ., ,A	0 R 27 0 R 28	57.11.3102	1k0 1k0	MF, 1%, 0207
C 10	not used 1n 59.06.0883 68n		C 1000 P , 20%, 50V , CER PETP, 63V, 10%, RM5	0 IC 10 0 IC 11	50.11.1002 1.940.947.20	LM360	High speed Comparator SW 520 TAXIREG (50.18.0101)	0 R 28	57.11.3102 57.11.3222	1KU 2k2	MF, 1%, 0207 MF, 1%, 0207
C 11 C 12	59.06.0683 68n 59.06.0683 68n		PETP, 63V, 10%, RM5	0 IC 12	50.17.1004	74HC04	IC 74 HC 04 ., ,A	0 R 30	57.11.3222	2k2	MF. 1%, 0207
C 12	59.06.0473 47n		PETP, 63V, 10%, RM5	0 IC 13	50.10.0124	MAX660	V-Converter +5.5V to -5.5V	0 R 31	57.11.3102	1k0	MF, 1%, 0207
C 14	59.34.2390 39p		CER 63V, 5%, N150	0 IC 14	50.63.1702	CY7C130	IC CY7C 130 - 45 LC ,A	0 R 32	57.11.3103	10k	MF, 1%, 0207
C 15	59.34.23£0 39p		CER 63V, 5%, N150	0 IC 15	50.17.8541	74BCT541	Octal Buffer, tri	0 R33 0 R34	57.11.3103 57.11.3103	10k 10k	MF, 1%, 0207 MF, 1%, 0207
C 16	59.06.0683 68n		PETP, 63V, 10%, RM5	0 IC 16 0 IC 17	50.17.8574 50.17.8574	74BCT574 74BCT574	Octal D-Type FF, tri	0 R35	57.11.3103	1k0	MF. 1%, 0207
C 17 C 18	59.06.0104 100n 59.06.0683 68n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 IC 18	50.15.0121	75174	Octal D-Type FF, tri IC SN 75174 N	0 R 36	57.11.3105	1M0	MF, 1%, 0207
C 19	59.06.0683 68n		PETP. 63V. 10%, RM5	0 IC 19	50.17.1594	74HC594	IC 74 HC 594 ., ,A	0 R 37	57.11.3561	560R	MF, 1%, 0207
C 20	59.34.4101 100p		CER 63V, 5%, N750	0 IC 20	50.14.0133	5565	IC HM 6234LP-15 ,A	0 R 38	57.11.3473	47k	MF, 1%, 0207
C 21	59.22.3470 47u		EL 10V, 20%, RM5	0 IC 21	1.940.945.20		SW 520 MADO (50.14.2002)	0 R 39	57.11.3103	10k	MF, 1%, 0207
C 22	59.06.0683 68n		PETP, 63V, 10%, RM5	0 IC 22 0 IC 23	50.16.0201 50.14.2103	SCC2691 HY93C46S	IC SCC 2391 AE 1 N 24 ,A EEPROM 64 * 16, serial	0 R 40 0 R 41	57.11.3473 57.11.3561	47k 560R	MF, 1%, 0207 MF, 1%, 0207
C 23	59.06.0103 10n 59.06.0104 100n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 IC 23 0 IC 24	50.14.2103 50.17.0573	74HCT573	EEPROM 64 * 16, serial IC 74 HCT573 ., ,A		37.11.3301	55011	,, 0201
C 24 C 25	59.05.0104 100n 59.06.0103 10n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 IC 25	50.63.0009	60C652	8bit microcontroller	0 RZ 1	57.88.4102	8*1k	2%, SIP 9
C 26	59.06.0103 100n		PETP, 63V, 10%, RM5	0 IC 26	50.17.1589	74HC589	MC 74 HC 589 N	0 RZ 2	57.88.4102	8*1k	2%, SIP 9
C 27	59.06.0104 100n		PETP, 63V, 10%, RM5	0 IC 27	50.17.1589	74HC589	MC 74 HC 589 N	0 RZ 3	57.88.4102	8*1k	2%, SIP 9
C 28	not used 100n		PETP, 63V, 10%, RM5	0 IC 28	50.15.0114	9637	Dual diff Line Receiver	0 RZ 4 0 RZ 5	57.88.4102 57.88.4102	B*1k B*1k	2%, SIP 9 2%, SIP 9
C 29	not used 100n 59.32.4102 1n		PETP, 63V, 10%, RM5 C 1000 P , 20%, 50V , CER	0 IC 29 0 IC 30	50.17.1904 50.11.0159	74HCU04 MAX1232	IC 74 HCU 04 ., ,A IC MAX 1232 CPA, DS 1232	0 RZ 6	57.88.4102 57.88.4333	8*33k	2%, SIP 9 2%, SIP 9
C 30 C 31	59.32.4102 1n 59.32.4102 1n		C 1000 P, 20%, 50V, CER C 1000 P, 20%, 50V, CER	0 10 30	DU. 11.0109	MMA 1232	IG MAX 1232 GPA, DS 1232	- 114.0	0.100,7000		
C 31	59.32.4102 1n 59.32.4102 1n		C 1000 P , 20%, 50V , CER C 1000 P , 20%, 50V , CER	0 L1	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5	0 \$1	55.11.0202	SPST	Toggle on - none - on
C 33	59.06.0104 100n	1	PETP, 63V, 10%, RM5	0 L2	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5	0 S2	55.03.0122	1*a	S 1 TASTE, 1*A, PRINT, IMPULS
0 C 34	59.22.6100 10u		EL 35V, 20%, RM5	0 L3	62.02.3220	22uH	L 22 U , 10%, RAD., RM 5	0 T1	63.15.0021		RF - Trafo
0 C 35	59.06.0103 10n		PETP, 63V, 10%, RM5	0 L4 0 L5	62.02.3100 62.03.0001	10uH 10uH	L 10 U , 10%, RAD., RM 5 1A Toroid Chocke	0 T2	63.15.0021		RF - Trafo
0 C36 0 C37	59.22.4221 220u 59.06.0683 68n		EL 16V, 20%, RM5 PETP, 63V, 10%, RM5	0 L5	62.03.0001	10uH 10uH	L 10 U , 10%, RAD., RM 5	0 T3	not used		IMPULSTRANSFORMATOR
0 C38	59.06.0683 68n		PETP, 63V, 10%, RM5	0 L7	62.02.3100	10uH	L 10 U , 10%, RAD., RM 5				
0 C39	59.06.0683 68n		PETP, 63V, 10%, RM5					0 W 1	1.010.324.64	Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0 C 40	59.22.4221 2201	ı	EL 16V, 20%, RM5	0 MP 1	1.940.520.11		D19M MADO PCB	0 W 2	1.010.324.64	Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0 C41	59.06.0103 10n		PETP, 63V, 10%, RM5	0 MP2 0 MP3	1.010.057.43	Lahai	Baugruppenschild	0 XDL 1	50.20.2501	Space*	LED-Sockel
0 C42 0 C43	59.06.0683 68n 59.06.0104 100r		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 MP3 0 MP4	43.01.0108 1.101.001.20	Label Label	ESE-WARNSCHILD TEXT-ETIK, 5*20 HARDWARE -20	0 XDL 2	50.20.2501	Space:	LED-Sockel
C 43	59.06.0104 100r 59.06.0104 100r		PETP, 63V, 10%, RM5	0 MP5	1.010.117.51	PRINCI	TEXT-ETIK, 5°20 HARDWARE -23 TEXT-ETIK, 5°20 (T1,60A)			F	
C 45	59.22.6100 10u		EL 35V, 20%, RM5	0 MP 7	1.010.015.50	Spacer	ISOLIER-SCHEIBE ZU TO 5	0 XF 1	53.03.0118		XF 5 * 20, PRINT-LIEGEND
C 46	not used 47n		PETP, 63V, 10%, RM5	0 MP 8	89.01.1499 3 pcs		QUARZ - SOLIERPLATTE	0 XIC 1	53 03 0166	8n	Dil. 0.3°, löt, gerade
C 47	not used 1n 59.06.0653 68n		C 1000 P , 20%, 50V , CER PETP, 63V, 10%, RM5	0 MP 10 0 MP 11	1.940.530.01 1 pce 1.940.600.04 1 pce		FRONTPLATTE GRIFFEINLAGE 4TE	0 XIC1	53.03.0166 53.03.2284	8p PLCC84p	PLCC-Socket 84p
C 48 C 49	59.06.0683 68n 59.06.0683 68n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 MP 11 0 MP 12	1.940.600.04 1 pce 49.02.0520 2 pcs	M2 5*12	GRIFFEINLAGE 4TE Rändelschraube (Rack)	0 XIC 11	53.03.0182	24р	DIL 0.3°, löt, gerade
C 50	59.06.0683 68n		PETP, 63V, 10%, RM5	0 MP 13	49.02.0520 2 pcs 49.02.0521 2 pcs	m2.0 12	Metall-Buchse (Rack)	0 XIC 14	53.03.2252	PLCC52p	PLCC-Socket 52p
C 51	59.06.0683 68n		PETP, 63V, 10%, RM5	0 MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)	0 XIC 15	53.03.0165	20p	DIL 0.3", lot, gerade
0 C 52	59.06.0683 68n		PETP, 63V, 10%, RM5	0 MP 15	49.02.0523 1 pce		Senk-Schr, KS, Senkripp	0 XIC 16 0 XIC 17	53.03.0165 53.03.0165	20p	DIL 0.3", löt, gerade
0 C 53	59.06.0683 68n		PETP, 63V, 10%, RM5	0 MP 16 0 MP 17	49.02.0504 1 pce 21.53.0279 2 pcs	4TE	Frontplatten-Griff Z - SCHR IS , ZN , M2.5 * 6	0 XIC 17 0 XIC 18	53.03.0165 53.03.0168	20p 16p	DIL 0.3", löt, gerade DIL 0.3", löt, gerade
0 C 54 0 C 55	59.06.0103 10n 59.06.0103 10n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 MP1/ 0 MP18	21.53.02/9 2 pcs 21.53.0284 1 pce		Z - SCHR IS , ZN , M2.5 * 16 Z - SCHR IS , ZN , M2.5 * 16	0 XIC 18	53.03.0173	28p	DIL 0.5°, löt, gerade
0 C56	59.34.2270 27p		CER 63V, 5%, N150	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 XIC 25	53.03.2244	PLCC44p	PLCC-Socket 44p
0 C 57	59.34.0339 3p3		CER 63V, 5%, P100					0 XIC 28	53.03.0166	8p	DIL 0.3", löt, gerade
C 58	59.06.0103 10n		PETP, 63V, 10%, RM5	0 P1	54.11.2009	96p	EU-R 3*32p				40.500.000.484
C 59	59.22.6100 10u		EL 35V, 20%, RM5	0 P2	54.02.0320	1p	Flatpin, 2.8*0.8mm	0 Y1 0 Y2	89.01.1013 89.01.1602	12.500MHz	12.500 000 MHz, HC 49/U TCXO Xtal-Oscillator temp comp
C 60	59.06.0E83 68n 59.06.0E83 68n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 P3 0 P4	54.02.0320 54.01.0020	1p 1p	Flatpin, 2.8*0.8mm Pin 0.63*0.63	0 Y2 0 Y3	89.01.1602 89.01.1601	11.2886MHz 12.288MHz	TCXO Xtal-Oscillator temp comp TCXO Xtal-Oscillator temp comp
C 61 C 62	59.06.0E83 68n 59.06.0E83 68n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 P4	54.01.0020	1p	Pin 0.63*0.63	0 Y4	89.01.1014	12.000MHz	12.000 000 MHz, HC 49/U
C 63	59.06.0683 68n		PETP, 63V, 10%, RM5	0 P6	54.02.0320	1p	Flatpin, 2.8*0.8mm	0 Y5	89.01,1002	3.686MHz	3.686 400 MHz, HC 18/U
C 64	59.06.0103 10n		PETP, 63V, 10%, RM5	0 P7	54.02.0320	1p	Flatpin, 2.8*0.8mm				
C 66	59.22.6100 10u		EL 35V, 20%, RM5	0 P8	54.02.0320	1p	Flatpin, 2.8*0.8mm	***************************************		End of List	
C 66	59.06.0683 68n		PETP, 63V, 10%, RM5		FO 00 0001	BC327-25	PNP. 800mA	Comments:			
0 C 67	59.34.0339 3p3 59.06.0103 10n		CER 63V, 5%, P100 PETP, 63V, 10%, RM5	0 Q1 0 Q2	50.03.0351 50.03.0351	BC327-25 BC327-25	PNP, 800mA PNP, 800mA	new software 1.940.	947-20 to -21		
0 C68 0 C69	59.06.0103 10n 59.06.0103 10n		PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0 42	00.00.0001	JUJE 1-20	, ouvilles				
0 C70	not used 1n		C 1000 P , 20%, 50V , CER	0 R1	57.11.3102	1k0	MF, 1%,0207				
0 C71	59.34.2270 27p		CER 63V, 5%, N150	0 R 2	57.11.3103	10k	MF, 1%, 0207				
0 C 72	59.06.0473 47n		PETP, 63V, 10%, RM5	0 R3	57.11.3103	10k	MF, 1%,0207				
C 73	not used 47n		PETP, 63V, 10%, RM5	0 R4	57.11.3103 57.11.3103	10k 10k	MF, 1%,0207 MF, 1%,0207				
0 C74	59.32.4102 1n		C 1000 P, 20%, 50V, CER	0 R5 0 R6	57.11.3103 57.11.3150	10k 15R	MF, 1%,0207 MF, 1%,0207				
D 1	50.04.0127 BAT	T85	200mA, Schottky	0 R7	57.11.3271	270R	MF, 1%,0207				
0 D2	50.04.0127 BAT		200mA, Schottky	0 R8	57.11.3150	15R	MF, 1%,0207				
0 D3	50.04.0127 BAT		200mA, Schottky	0 R9	57.11.3271	270R	MF, 1%,0207				
0 D4	50.04.0127 BAT		200mA, Schottky	0 R 10	57.11.3102	1k0	MF, 1%,0207				
0 D5	50.04.0127 BAT	T85 1448	200mA, Schottky 75V. 150mA. 4ns. DO-35	0 R 11 0 R 12	57.11.3103 57.11.3102	10k 1k0	MF, 1%,0207 MF, 1%,0207				
		1448 1448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 R12	57.11.3102 57.11.3102	1k0	MF. 1% 0207				
		+++10	754, 130HPA, 4HS, DO-30		57.11.3102	1k0	MF. 1%,0207				
0 D6 0 D7	50.04.0125 1N4			0 R 14							
0 D7	50.04.2202 HLF	MP1790	DL HLMP - 1790 GN	0 R 15	not used	470R	MF, 1%,0207				
	50.04.2202 HLF	MP1790 MP1790	DL HLMP - 1790 GN DL HLMP - 1790 GN	0 R 15 0 R 16	not used 57.11.3102	1k0	MF, 1%, 0207 MF, 1%, 0207				
0 D7 0 DL1	50.04.2202 HLF	MP1790		0 R 15	not used		MF, 1%,0207				



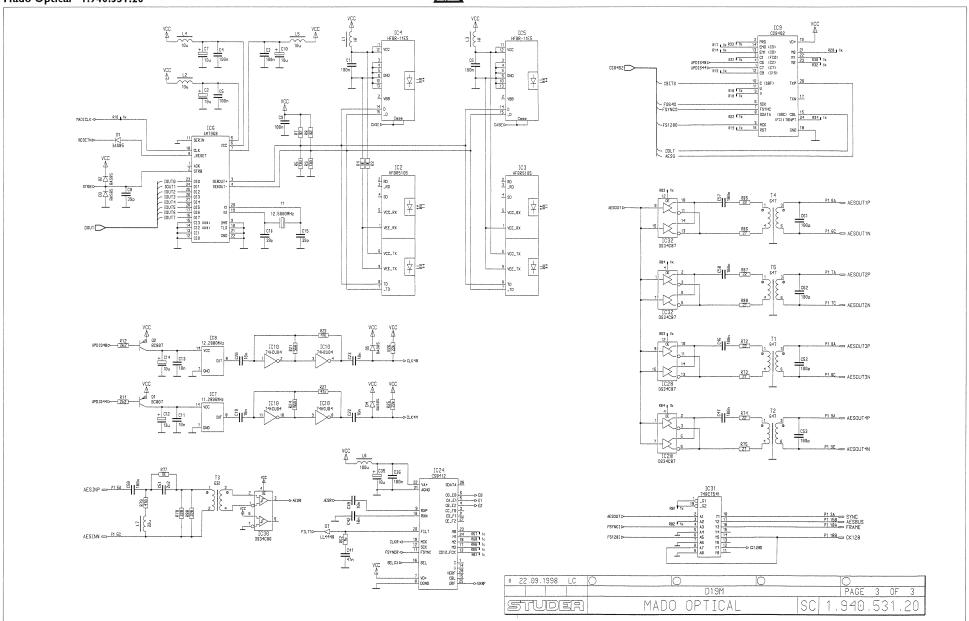




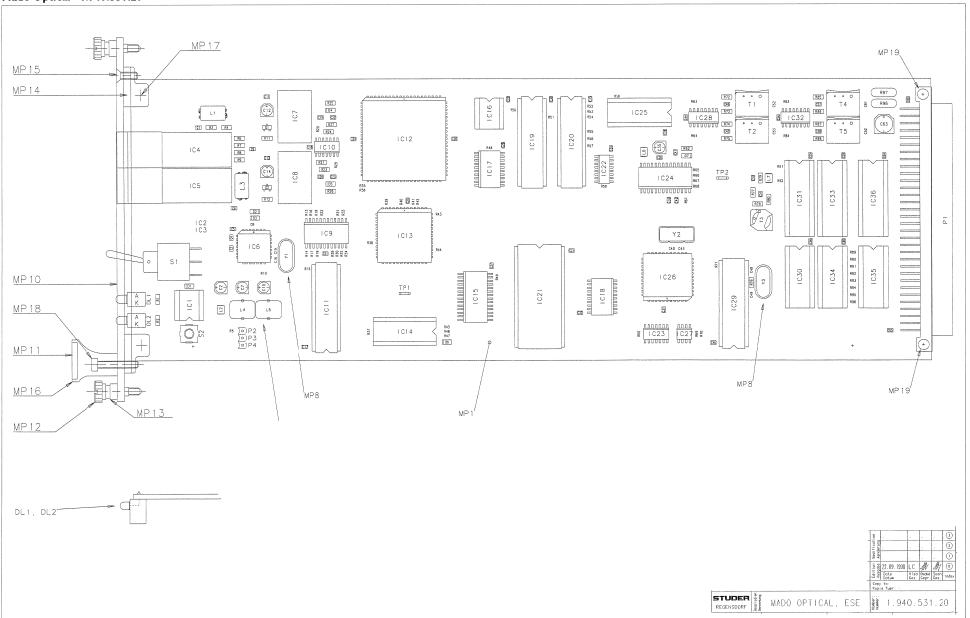
















x Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 10	50.62.1904	74HCU04	Hex inverter unbuffered
C 2	59.68.0065	10u	C-EL 16V, 4.0*5.7	0	IC 11	1.940.947.20		SW 520 TAXIREG (50.18.0101)
C 3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 12	50.63.4002	XC3030A-7	LCA 3000 / 3000 PLCC84
C 4		100n		0	IC 13	50.63.1702	CY7C130	
	59.60.3337		CER 50V, 10%, X7R, 0805					Dualport SRAM, 1K*8
C 5	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 14	50.17.1594	74HC594	IC 74 HC 594 ., ,A
C 6	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 15	50.63.1502	6264	SRAM 8K*8, 120ns
C 7	59.68.0065	10u	C-EL 16V, 4.0*5.7	0	IC 16	1.940.946.21		SW 520 MADIOUT (50.14.1501)
C 8	59.60.2239	39p	CER 50V, 5%, COG, 0603	0	IC 17	50.62.1574	74HC574	Octal D-FF
C 9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 18	50.62.3573	74HCT573	Octal D-type latch
C 10	59.68.0065	10u	C-EL 16V, 4.0*5.7	0	IC 19	50.17.5652	74AC652	Octal Bus Reg/Transceiver
C 11	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	IC 20	50.14.1009	7C128A	SRAM 2K*8 35ns
C 12	59.68.0065	10u	C-EL 16V, 4.0*5.7	0	IC 21	1.940.945.20		SW 520 MADO (50.14.2002)
C 13	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	IC 22	50.62.1595	74HC595	8bit shift/output register
				0	IC 23			· · · · · ·
C 14	59,68,0065	10u	C-EL 16V, 4.0*5.7			50.62.1004	74HC 04	Hex inverter
C 15	59.60.2239	39p	CER 50V, 5%, C0G, 0603	0	IC 24	50.62.0913	CS8412	AES-Receiver
C 16	59.60.2239	39p	CER 50V, 5%, COG, 0603	0	IC 25	50.17.1589	74HC589	MC 74 HC 589 N
C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 26	50.63.0009	80C652	MPU 8bit
		100n	CER 50V, 10%, X7R, 0805	0	IC 27	50.63.1108	93C46	EEPROM 64*16, SO 8
C 18	59,60.3337							
C 19	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	IC 28	50.62.0464	DS34C87	4*RS 422 Line Driver
C 20	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	IC 29	50.16.0201	SCC2691	IC SCC 2691 AE 1 N 24 ,A
C 21	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 30	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P ,
		10n	CER 50V, 10%, X7R, 0805	0	IC 31	50.17.8541	74BCT541	Octal Buffer, tri
C 22	59.60.3325							
C 23	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	IC 32	50.62.0464	DS34C87	4*RS 422 Line Driver
C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 33	50.17.8574	74BCT574	Octal D-Type FF, tri
C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 34	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,/
C 26		100n	CER 50V. 10%, X7R, 0805	ō	IC 35	50.17.1589	74HC589	MC 74 HC 589 N
	59.60.3337							
C 27	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 36	50.17.8574	74BCT574	Octal D-Type FF, tri
C 28	59.60.3337	100n	CER 50V, 10%, X7R, 0805					
C 29	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L1	62.60.0902		SMD Wideband choke
C 30		100n	CER 50V, 10%, X7R, 0805	0	L 2	62.60.0113	10uH	10%, SMD 1210
	59.60.3337						.0011	
C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L 3	not used		SMD Wideband choke
C 32	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L 4	62.03.0001	10uH	1A Toroid Chocke
C 33	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L 5	62.03.0001	10uH	1A Toroid Chocke
C 34	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L6	62.60.0125	100uH	10%, SMD 1210
				0				
C 35	59.68.0065	10 u	C-EL 16V, 4.0*5.7	U	L 7	not used	22uH	10%, SMD 1210
C 36	59.60.3337	10 0 n	CER 50V, 10%, X7R, 0805					
C 37	59,60,3337	100n	CER 50V, 10%, X7R, 0805	0	MP 1	1.940.531.11		MADO optical PCB
C 38	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 2	1.940.531,04		TYPENSCHILD
							1 -11	
C 39	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	MP 3	43.01.0108	Label	ESE-WARNSCHILD
C 40	59.60.2235	27 p	CER 50V, 5%, C0G, 0603	0	MP 8	89.01.1499 2 pcs		QUARZ - ISOLIERPLATTE
C 41	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0	MP 10	1.940.531.01 1 pce		Frontplatte
C 42	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE
							140 5+40	
C 43	59.60.2235	27p	CER 50V, 5%, C0G, 0603	0	MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)
C 45	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 14	49.02.0522 2 pcs		Kartenhalter (Rack)
C 46	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
C 47	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff
C 48	59.60.2225	10p	CER 50V, 5%, C0G, 0603	0	MP 17	21.53.0279 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
C 49	59.60.2225	10p	CER 50V, 5%, C0G, 0603	0	MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
			CER 50V, 10%, X7R, 0805		MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
C 50	59.60.3337	100n			1411	20.00.0110 2 pcs		NOTINIALIE B 2.5 0.15 9
C 51	59.60.3317	2n2	CER 50V, 10%, X7R, 0805					
C 52	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	P 1	54.11.2009	96p	EU-R 3*32p
C 53	59.60.2249	100p	CER 50V, 5%, COG, 0603	0	P 2	not used	1p	Pin 0.63*0.63
C 54	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	P 3	not used	1p	Pin 0.63*0.63
					P 4			Pin 0.63*0.63
C 55	59.60.3337	100n	CER 50V, 10%, X7R, 0805	U		not used	1p	0.00 0.00
C 56	59.60.3337	100n	CER 50V, 10%, X7R, 0805					
C 57	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	Q 1	50.60,1050	BC807-25	PNP 45V 800mA SOT 23
C 58	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	Q 2	50.60.1050	BC807-25	PNP 45V 800mA SOT 23
		100n	CER 50V, 10%, X7R, 0805	-	-			
C 59	59.60.3337				D 4	E7 CO 4400	41/	ME 10/ 0204 E24
C 60	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R1	57.60.1102	1K	MF, 1%, 0204, E24
C 61	59.60.2249	100p	CER 50V, 5%, C0G, 0603		R 2	57.60.1102	1K	MF, 1%, 0204, E24
C 62	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	R 3	not used	0R0	MF, 0204
C 63	59.68.0069	47u	C-EL 16V, 6.3*5.7		R 4	not used	0R0	MF, 0204
			CER 50V, 10%, X7R, 0805		R 5	57.69.1073	1k0	CF 5% 0603
C 64	59.60.3337	100n						
C 65	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R 6	57.60.1131	130R	MF, 1%, 0204, E24
C 66	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R 7	57.60.1820	82R	MF, 1%, 0204, E24
				0	R 8	57.60.1820	82R	MF, 1%, 0204, E24
D 1	50.60.8101	BAS85	200mA 30V Schottky SOD 80		R 9	57.60.1131	130R	MF, 1%, 0204, E24
							1k0	CF 5% 0603
D 2	50.60.8101	BAS85			R 10	57.69.1073		
D 3	50.60.8101	BAS85	200mA 30V Schottky SOD 80		R 11	57.60.1222	2K2	MF, 1%, 0204, E24
D 4	50.60.8101	BAS85	200mA 30V Schottky SOD 80	0	R 12	57.60.1222	2K2	MF, 1%, 0204, E24
D 5	50.60.8101	BAS85	200mA 30V Schottky SOD 80		R 13	57.69.1073	1k0	CF 5% 0603
			200mA 75V 4ns SOD 80		R 14	57.69.1073	1k0	CF 5% 0603
D 6	50.60.8001	4448						
D 7	50.60.8001	4448	200mA 75V 4ns SOD 80		R 15	57.69.1073	1k0	CF 5% 0603
				0	R 16	57.69.1073	1k0	CF 5% 0603
DL 1	50.04.2202	HLMP1790	DL HLMP - 1790 GN	0	R 17	57.69.1073	1k0	CF 5% 0603
		HLMP1790	DL HLMP - 1790 GN		R 18	57.69.1073	1k0	CF 5% 0603
DL 2	50.04.2202	HEIMIN 1790	DE HEIMI - 1700 GIN					
					R 19	57.69.1073	1k0	CF 5% 0603
IC 1	50.11.0159	MAX1232	IC MAX 1232 CPA, DS 1232	0	R 20	57.69.1073	1k0	CF 5% 0603
IC 2	not used	HFBR5105	LWL Transceiver FDDI/MADI		R 21	57,60,1561	560R	MF, 1%, 0204, E24
IC 3			LWL Transceiver FDDI/MADI		R 22	57.69.1073	1k0	CF 5% 0603
0.0	not used	HFBR5105						
	89.10.0022	HFBR11E5	LWL Transmitter FDDI		R 23	57.60.1473	47K	MF, 1%, 0204, E24
IC 4	not used	HFBR11E5	LWL Transmitter FDDI	0	R 24	57.60.1561	560R	MF, 1%, 0204, E24
					R 25	57.60.1223	22K	MF, 1%, 0204, E24
IC 4 IC 5		AM7968	I AXI Chip Transmitter					
IC 4 IC 5 IC 6	50.63.0204	AM7968	TAXI Chip Transmitter TCXO Xtal-Oscillator temp.comp					
IC 4 IC 5 IC 6 IC 7	50.63.0204 89.01.1602	11.2896MHz	TCXO Xtal-Oscillator temp comp	0	R 26	57.60.1223	22K	MF, 1%, 0204, E24
IC 4 IC 5 IC 6	50.63.0204			0				





ldx	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 29	57.69.1073	1k0	CF 5% 0603	0	R 90	57,69.1097		10k	CF 5% 0603
0	R 30	57.69.1073	1k0	CF 5% 0603	0	R 91	57.69.1097		10k	CF 5% 0603
0	R 31	57.69,1073	1k0	CF 5% 0603	0	R 92	57.69.1097		10k	CF 5% 0603
0	R 32	57.69.1073	1k0	CF 5% 0603	0	R 93	57.69.1097		10k	CF 5% 0603
)	R 33	57.69.1073	1k0	CF 5% 0603	0	R 94	57.69.1097		10k	CF 5% 0603
0	R 34	57.69.1073	1k0	CF 5% 0603	Ü	R 95	57.69.1097		10k	CF 5% 0603
0	R 35	not used	1k0	CF 5% 0603	0	R 96	57.69.1097		10k	CF 5% 0603
0	R 36	57.69.1073	1k0	CF 5% 0603	0	R 97	57.92.7051		1.1A	POLY- PTC, 30V
0	R 37	57.69.1097	10k	CF 5% 0603	0	R 98	57.92.7051		1.1A	POLY- PTC, 30V
0	R 38	57.69.1073	1k0	CF 5% 0603						
0	R 39	57.69.1073	1k0	CF 5% 0603	0	S 1	55.11.0202		SPDT	Toggle on - none - on
0	R 40	57.69.1073	1k0	CF 5% 0603	0	S 2	55.60.0201		1*s	SMD Tactswitch
0	R 41	57.69.1073	1k0	CF 5% 0603						
0	R 42	57.69.1073	1k0	CF 5% 0603	0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	R 43	57.69.1073	1k0	CF 5% 0603	0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
)	R 44	57,69,1073	1k0	CF 5% 0603	0	Т3	1.022.632.00		1:1	DI/DO TRANSFORMER
5	R 45	57.69.1097	10k	CF 5% 0603	0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
)	R 46	57.69.1097	10k	CF 5% 0603	0	T 5	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	R 47	57.69.1097	10k	CF 5% 0603						
0	R 48	57.69.1073	1k0	CF 5% 0603	0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	R 49	57.69.1073	1k0	CF 5% 0603	0	TP 2	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	R 50	57.69.1073	1k0	CF 5% 0603						
0	R 51	57.69.1073	1k0	CF 5% 0603	0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	R 52	57.69.1073	1k0	CF 5% 0603	0	XDL 2	50.20.2501		Spacer	LED-Sockel
ລ	R 53	57.69.1073	1k0	CF 5% 0603						
0	R 54	57.69.1073	1k0	CF 5% 0603	0	XIC 11	53.03.0182		24p	DIL 0.3", löt, gerade
0	R 55	57.69.1073	1k0	CF 5% 0603	0	XIC 16	53.03.0166		8p	DIL 0.3", löt, gerade
0	R 56	57.69.1073	1k0	CF 5% 0603	0	XIC 21	53.03.0173		28p	DIL 0.6", löt, gerade
0	R 57	57.69.1073	1k0	CF 5% 0603						
		57.69.1073	1k0	CF 5% 0603	٥	Y 1	89.01.1013		12.500MHz	12.500 000 MHz, HC 49/U
0	R 58	57.69.1073	10k	CF 5% 0603	0	Y 2	89.60,1003		12.000MHz	SMD Quartz
0	R 59		1k0	CF 5% 0603	0	Y 3	89.01.1002		3.686MHz	3.686 400 MHz, HC 18/U
0	R 60	57.69.1073		CF 5% 0603	•		33.3.1.1332			
)	R 61	57.69.1073	1k0 1K	MF, 1%, 0204, E24					End of List	
)	R 62	57.60.1102	1k0	CF 5% 0603					end of List	
0	R 63	57.69.1073	1k0	CF 5% 0603	Col	nments				
0	R 64	57.69.1073		CF 5% 0603						
)	R 65	57.69.1073	1k0	CF 5% 0603						
0	R 66	57.69.1073	1k0	CF 5% 0603						
0	R 67	57.69.1073	1k0	CF 5% 0603						
0	R 68	57.69.1073	1k0	CF 5% 0603						
0	R 69	57.69.1097	10k							
0	R 70	57.69.1097	10k							
)	R 71	57.69.1097	10k	CF 5% 0603						
0	R 72	57.60.1220	22R	MF, 1%, 0204, E24						
0	R 73	57.60.1270	27R	MF, 1%, 0204, E24						
)	R 74	57.60.1220	22R	MF, 1%, 0204, E24						
0	R 75	57.60.1270	27R	MF, 1%, 0204, E24						
0	R 76	57.60.1105	1M	MF, 1%, 0204, E24						
)	R 77	57.60.1000	0R0	MF, 0204						
)	R 78	57.60.1221	220R	MF, 1%, 0204, E24						
)	R 79	not used	470R	MF, 1%, 0204, E24						
)	R 80	57.60.1221	220R	MF, 1%, 0204, E24						
)	R 81	57.69.1073	1k0	CF 5% 0603						
)	R 82	57.69.1073	1k0	CF 5% 0603						
)	R 83	57.69.1073	1k0	CF 5% 0603						
)	R 84	57.69.1073	1k0	CF 5% 0603						
)	R 85	57.60.1220	22R	MF, 1%, 0204, E24						
)	R 86	57.60.1270	27R	MF, 1%, 0204, E24						
)	R 87	57.60.1220	22R	MF, 1%, 0204, E24						
)	R 88	57.60.1270	27R	MF, 1%, 0204, E24						
)	R 89	57.69.1097	10k	CF 5% 0603						

MADO optical dual output 1.940.532.20 (0)

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IVIADO	optical		- or all or a			•	<i>o,</i>		rage. 1 01
ldx. Pos.	Part No. Qty.	Type/Val.	Description		ldx.	Pos.	Part No.	Qty. Type/Val.	Description
				And the second s	0	IC 13	50.63.1702	CY7C130	Dualport SRAM, 1K*8
0 C1	59.60.3337	100n	CER 50V, 10%,			IC 14	50.17.1594	74HC594	IC 74 HC 594 ., ,A
0 C 2	59.68.0065	10u	EL 16V, 4.0*5			IC 15	50.63.1502	6264	SRAM 8K*8, 120ns
0 C3	59.60.3337	100n	CER 50V, 10%,			IC 16	1.940.946.21	0201	SW 520 MADIOUT (50.14.1501)
0 C4	59.60.3337	100n	CER 50V, 10%,			IC 17	50.62.1574	74HC574	Octal D-FF
0 C5	59.60.3337	100n	CER 50V, 10%,			IC 18	50.62.3573	74HCT573	Octal D-type latch
0 06	59 60 3337	100n	CER 50V 10%			IC 19	50.17.5652	74AC652	Octal Bus Reg/Transceiver
0 C7	59.68.0065	10u	EL 16V, 4.0*5		0	IC 20	50.14.1009	7C128A	SRAM 2K*8 35ns
0 C8	59.60.2239	39p	CER 50V, 5%,		0	IC 21	1.940.945.20		SW 520 MADO (50.14.2002)
0 C9	59.60.3337	100n	CER 50V, 10%,			IC 22	50.62.1595	74HC595	8bit shift/output register
0 C 10	59.68.0065	10u	EL 16V, 4.0*5		0	IC 23	50.62.1004	74HC 04	Hex inverter
0 C11	59.60.3325	10n	CER 50V, 10%,			IC 24	50.62.0913	CS8412	AES-Receiver
0 C 12	59.68.0065	10u	EL 16V, 4.0*5		0	IC 25	50.17.1589	74HC589	MC 74 HC 589 N
0 C13	59.60.3325	10n	CER 50V, 10%,		0	IC 26	50.63.0009	80C652	MPU 8bit
0 C 14	59.68.0065	10u	EL 16V, 4.0*5		0	IC 27	50.63.1108	93C46	EEPROM 64*16, SO 8
0 C 15	59.60.2239	39p	CER 50V, 5%,		0	IC 28	50.62.0464	DS34C87	4*RS 422 Line Driver
0 C16	59.60.2239	39p	CER 50V, 5%,		0	IC 29	50.16.0201	SCC2691	IC SCC 2691 AE 1 N 24 ,A
0 C 17	59.60.3337	100n	CER 50V, 10%,		0	IC 30	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P ,A
0 C 18	59.60.3337	100n	CER 50V, 10%,		0	IC 31	50.17.8541	74BCT541	Octal Buffer, tri
0 C 19	59.60.3325	10n	CER 50V, 10%,		0	IC 32	50.62.0464	DS34C87	4*RS 422 Line Driver
0 C 20	59.60.3325	10n	CER 50V, 10%,		0	IC 33	50.17.8574	74BCT574	Octal D-Type FF, tri
0 C 21	59.60.3337	100n	CER 50V, 10%,		0	IC 34	50.15.0127	34C87	IC DS 34 C 87 TN, MC34C87P ,A
0 C 22	59.60.3325	10n	CER 50V, 10%,		0	IC 35	50.17.1589	74HC589	MC 74 HC 589 N
0 C 23	59.60.3325	10n	CER 50V, 10%,		0	IC 36	50.17.8574	74BCT574	Octal D-Type FF, tri
0 C 24	59.60.3337	100n	CER 50V, 10%,			L1	62.60.0902		SMD Wideband choke
0 C 25	59.60.3337	100n	CER 50V, 10%,			L 2	62.60.0113	10uH	SMD 10% 1210
0 C 26	59.60.3337	100n	CER 50V, 10%,			L3	62.60.0902		SMD Wideband choke
0 C 27	59.60.3337	100n	CER 50V, 10%,			L 4	62.03.0001	10uH	1A Toroid Chocke
0 C 28	59.60.3337	100n	CER 50V, 10%,			L 5	62.03.0001	10uH	1A Toroid Chocke
0 C 29	59.60.3337	100n	CER 50V, 10%,			L6	62.60.0125	100uH	SMD 10% 1210
0 C 30	59.60.3337	100n	CER 50V, 10%,			L 7	not used	22uH	SMD 10% 1210
0 C 31	59.60.3337	100n	CER 50V, 10%,			MP 1	1.940.531.11		MADO optical PCB
0 C 32	59.60.3337	100n	CER 50V, 10%,			MP 2	1.940.532.04		TYPENSCHILD
0 C 33	59.60.3337	100n	CER 50V, 10%,			MP 3	43.01.0108	Label	ESE-WARNSCHILD
0 C 34	59.60.3337	100n	CER 50V, 10%,			MP 8	89.01.1499		QUARZ - ISOLIERPLATTE
0 C 35	59.68.0065	10u	EL 16V, 4.0*5			MP 10	1.940.532.01		Frontplatte MADO opt dual out
0 C 36	59.60.3337	100n	CER 50V, 10%,			MP 11	1.940.600.04		GRIFFEINLAGE 4TE
0 C 37	59.60.3337	100n	CER 50V, 10%,			MP 12	49.02.0520	•	Rändelschraube (Rack)
0 C 38	59.60.3337	100n	CER 50V, 10%,			MP 13	49.02.0521	•	Metall-Buchse (Rack)
0 C 39	59.60.3325	10n	CER 50V, 10%,			MP 14	49.02.0522		Kartenhalter mit Z-Schr
0 C 40	59.60.2235	27p	CER 50V, 5%,			MP 15	49.02.0523		Senk-Schr, KS, Senkripp
0 C 41	59.60.3333	47n	CER 50V, 10%,		0	MP 16	49.02.0504		Frontplatten-Griff
0 C 42	59.60.3325	10n	CER 50V, 10%,			MP 17	21.53.0279		Z-Schraube Inbus Zn gb chr
0 C 43	59.60.2235	27p	CER 50V, 5%,			MP 18	21.53.0284		Z-Schraube Inbus Zn gb chr
0 C 44	59.60.3337	100n	CER 50V, 10%,			MP 19	28.99.0119		ROHRNIETE D 2.5*0.15* 9
0 C 45	59.60.3337	100n	CER 50V, 10%,			P1	54.11.2009	96p	EU-R 3*32p
0 C 46	59.60.3337	100n	CER 50V, 10%,			P2	not used	1p	Pin, 1reihig, gerade
0 C 47	59.60.3337	100n	CER 50V, 10%,			P 3	not used	1p	Pin, 1reinig, gerade
0 C 48	59.60.2225	10p	CER 50V, 5%,			P 4	not used	1p	Pin, 1reihig, gerade
0 C 49	59.60.2225	10p	CER 50V, 5%,			Q 1	50.60.1050	BC807-25	PNP 45V 800mA SOT 23
0 C 50	59.60.3337	100n	CER 50V, 10%,			Q 2	50.60.1050	BC807-25	PNP 45V 800mA SOT 23
0 C 51	59.60.3317	2n2	CER 50V, 10%,			R1	57.60.1102	1k0	MF, 1%, 0204, E24
0 C 52	59.60.2249	100p	CER 50V, 5%,			R 2	57.60.1102	1k0	MF, 1%, 0204, E24
0 C 53	59.60.2249	100p	CER 50V, 5%,			R3	not used	0R0	MF, 0204
0 C 54	59.60.3337	100n	CER 50V, 10%,			R4	not used	0R0	MF, 0204
0 C 55	59.60.3337	100n	CER 50V, 10%,			R 5	57.69.1073	1k0	CF 5% 0603
0 C 56	59.60.3337	100n	CER 50V, 10%,			R6	57.60.1131	130R	MF, 1%, 0204, E24
0 C 57	59.60.3337	100n 100n	CER 50V, 10%,			R 7	57.60.1820	82R	MF, 1%, 0204, E24
0 C 58 0 C 59	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, CER 50V, 10%,			R 8	57.60.1820	82R	MF, 1%, 0204, E24
0 C 60	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%,			R 9	57.60.1131	130R	MF, 1%, 0204, E24
0 C 61	59.60.2249	100n 100p	CER 50V, 10%,			R 10	57.69.1073	1k0	CF 5% 0603
0 C 62	59.60.2249	100p	CER 50V, 5%,		0	R 11	57.60.1222	2k2	MF, 1%, 0204, E24
0 C 63	59.68.0069	47u	EL 16V, 6.3*5		0	R 12	57.60.1222	2k2	MF, 1%, 0204, E24
0 C 64	59.60.3337	470 100n	CER 50V, 10%,		0	R 13	57.69.1073	1k0	CF 5% 0603
0 C 65	59.60.3337	100n	CER 50V, 10%,		0	R 14	57.69.1073	1k0	CF 5% 0603
0 C 66	59.60.3337	100n	CER 50V, 10%,		0	R 15	57.69.1073	1k0	CF 5% 0603
0 D1	50.60.8101	BAS85	200mA 30V Sci			R 16	57.69.1073	1k0	CF 5% 0603
0 D2	50.60.8101	BAS85	200mA 30V Sci			R 17	57.69.1073	1k0	CF 5% 0603
0 D3	50.60.8101	BAS85	200mA 30V Sci			R 18	57.69.1073	1k0	CF 5% 0603
0 D4	50.60.8101	BAS85		nottky SOD 80		R 19	57.69.1073	1k0	CF 5% 0603
0 D5	50.60.8101	BAS85		nottky SOD 80		R 20	57.69.1073	1k0	CF 5% 0603
0 D6	50.60.8001	4448		s SOD 80		R 21	57.60.1561	560R	MF, 1%, 0204, E24
0 D7	50.60.8001	4448	200mA 75V 4n			R 22	57.69.1073	1k0	CF 5% 0603
0 DL1	50.04.2202	HLMP1790	DL HLMP - 1790			R 23	57.60.1473	47k	MF, 1%, 0204, E24
0 DL 2	50.04.2202	HLMP1790	DL HLMP - 1790			R 24	57.60.1561	560R	MF, 1%, 0204, E24
0 IC 1	50.11.0159	MAX1232	IC MAX 1232 CF			R 25	57.60.1223	22k	MF, 1%, 0204, E24
0 IC 2	not used	HFBR5103	LWL Transceiver			R 26	57.60.1223	22k	MF, 1%, 0204, E24
0 IC 3	not used	HFBR5103	LWL Transceiver	FDDI/MADI		R 27	57.60.1473	47k	MF, 1%, 0204, E24
0 IC 4	89.10.0022	HFBR11E5	LWL Transmitter	FDDI		R 28	57.69.1073	1k0	CF 5% 0603
0 IC 5	89.10.0022	HFBR11E5	LWL Transmitter	FDDI		R 29	57.69.1073	1k0	CF 5% 0603
0 IC 6	50.63.0204	AM7968	TAXI Chip Transr	nitter		R 30	57.69.1073	1k0	CF 5% 0603
0 IC 7	89.01.1602	11.2896MHz	TCXO Xtal-Oscill	ator temp comp		R 31	57.69.1073	1k0	CF 5% 0603
0 IC 8	89.01.1601	12.288MHz	TCXO Xtal-Oscill	ator temp comp		R 32	57.69.1073	1k0	CF 5% 0603
0 IC 9	50.62.0910	CS8402A	Dig audio interfac	e transmitt		R 33	57.69.1073	1k0	CF 5% 0603
0 IC 10	50.62.1904	74HCU04	Hex inverter unbu	ffered		R 34 R 35	57.69.1073 not used	1k0	CF 5% 0603 CF 5% 0603
						15.00		1k0	CF 5% 0603
0 IC 11 0 IC 12	1.940.947.20		SW 520 TAXIREG LCA 3000 / 3000			R 36	57.69.1073	1k0	CF 5% 0603

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MADO optical dual output 1.940.532.20 (0)

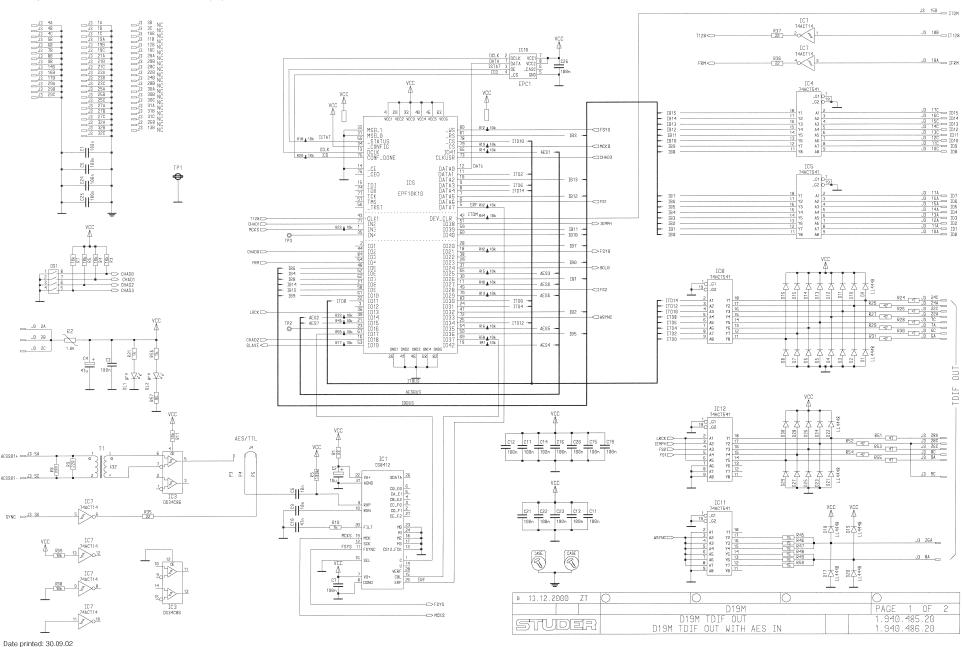
Page: 2 of 2

IV	ADU	optical	auai	output	1.940.532	.20 (0	')				Page: 2 of 2
ldx.	Pos.	Part No. Qty.	Type/Val.	Description		ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0	R 37	57.69.1097	10k	CF 5% 0603							
0	R 38	57.69.1073	1k0	CF 5% 0603							
0	R 39	57.69.1073	1k0	CF 5% 0603							
0	R 40	57.69.1073	1k0	CF 5% 0603							
0	R 41	57.69.1073	1k0	CF 5% 0603							
0	R 42 R 43	57.69.1073 57.69.1073	1k0 1k0	CF 5% 0603 CF 5% 0603							
0	R 44	57.69.1073	1k0	CF 5% 0603							
0	R 45	57.69.1097	10k	CF 5% 0603							
0	R 46	57.69.1097	10k	CF 5% 0603							
0	R 47	57.69.1097	10k	CF 5% 0603							
0	R 48	57.69.1073	1k0	CF 5% 0603 CF 5% 0603							
0	R 49 R 50	57.69.1073 57.69.1073	1k0 1k0	CF 5% 0603							
0	R 51	57.69.1073	1k0	CF 5% 0603							
0	R 52	57.69.1073	1k0	CF 5% 0603							
0	R 53	57.69.1073	1k0	CF 5% 0603							
0	R 54	57.69.1073	1k0	CF 5% 0603							
0	R 55	57.69.1073	1k0	CF 5% 0603 CF 5% 0603							
0	R 56 R 57	57.69.1073 57.69.1073	1k0 1k0	CF 5% 0603							
o	R 58	57.69.1073	1k0	CF 5% 0603							
0	R 59	57.69.1097	10k	CF 5% 0603							
0	R 60	57.69.1073	1k0	CF 5% 0603							
0	R 61	57.69.1073	1k0	CF 5% 0603							
0	R 62	57.60.1102	1k0	MF, 1%, 0204, E	≣24						
0	R 63 R 64	57.69.1073 57.69.1073	1k0 1k0	CF 5% 0603 CF 5% 0603							
0	R 65	57.69.1073	1k0	CF 5% 0603							
0	R 66	57.69.1073	1k0	CF 5% 0603							
0	R 67	57.69.1073	1k0	CF 5% 0603							
0	R 68	57.69.1073	1k0	CF 5% 0603							
0	R 69 R 70	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603							
0	R 71	57.69.1097	10k	CF 5% 0603							
0	R 72	57.60.1220	22R	MF, 1%, 0204, E	≣24						
0	R 73	57.60.1270	27R	MF, 1%, 0204, E							
0	R 74	57.60.1220	22R	MF, 1%, 0204, E							
0	R 75	57.60.1270	27R	MF, 1%, 0204, E							
0	R 76 R 77	57.60.1105 57.60.1000	1M 0R0	MF, 1%, 0204, E MF, 0204	=24						
0	R 78	57.60.1221	220R	MF, 1%, 0204, E	≣24						
0	R 79	not used	470R	MF, 1%, 0204, E							
0	R 80	57.60.1221	220R	MF, 1%, 0204, E	≣24						
0	R 81	57.69.1073	1k0	CF 5% 0603							
0	R 82	57.69.1073	1k0 1k0	CF 5% 0603 CF 5% 0603							
0	R 83 R 84	57.69.1073 57.69.1073	1k0	CF 5% 0603							
0	R 85	57.60.1220	22R	MF, 1%, 0204, E	≣24						
0	R 86	57.60.1270	27R	MF, 1%, 0204, E							
0	R 87	57.60.1220	22R	MF, 1%, 0204, E							
0	R 88	57.60.1270 57.69.1097	27R	MF, 1%, 0204, E CF 5% 0603	≣24						
0	R 89 R 90	57.69.1097	10k 10k	CF 5% 0603							
o	R 91	57.69.1097	10k	CF 5% 0603							
0	R 92	57.69.1097	10k	CF 5% 0603							
0	R 93	57.69.1097	10k	CF 5% 0603							
0	R 94 R 95	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603							
0	R 96	57.69.1097	10k	CF 5% 0603							
0	R 97	57.92.7051	1.1A	PTC 30V							
0	R 98	57.92.7051	1.1A	PTC 30V							
	S 1	55.11.0202	SPDT	Toggle 1 * on-no							
0	S 2 T 1	55.60.0201 1.022.647.00	1*s 1:1.4	SMD Tactswitch OUTPUT TRAFO							
o		1.022.647.00	1:1.4	OUTPUT TRAFC							
		1.022.632.00	1:1	DI/DO TRANSFO	ORMER						
		1.022.647.00	1:1.4	OUTPUT TRAFC							
0		1.022.647.00	1:1.4	OUTPUT TRAFO							
0	TP 1 TP 2	54.33.6010 54.33.6010	2.8*0.8 2.8*0.8	PCB-Flachstecke PCB-Flachstecke							
	XDL 1	50.20.2501	Spacer	LED-Sockel	, goidao						
0	XDL 2	50.20.2501	Spacer	LED-Sockel							
	XIC 11	53.03.0182	24p	DIL 0.3", löt, gera							
	XIC 16	53.03.0166	8p	DIL 0.3", löt, gera							
	XIC 21 Y 1	53.03.0173 89.01.1013	28p 12.500MHz	DIL 0.6", löt, gera XTAL HC 49/U	iauv						
	Y 2	89.60.1003	12.000MHz	SMD Quartz							
	Y 3	89.01.1002	3.6864MHz	XTAL HC 18 U							

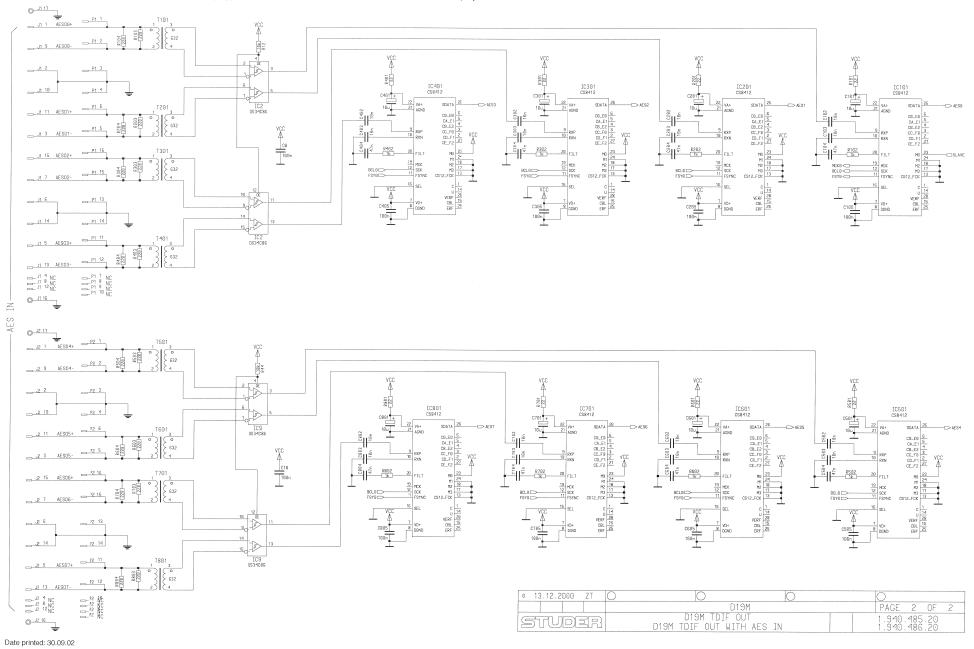
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End of List

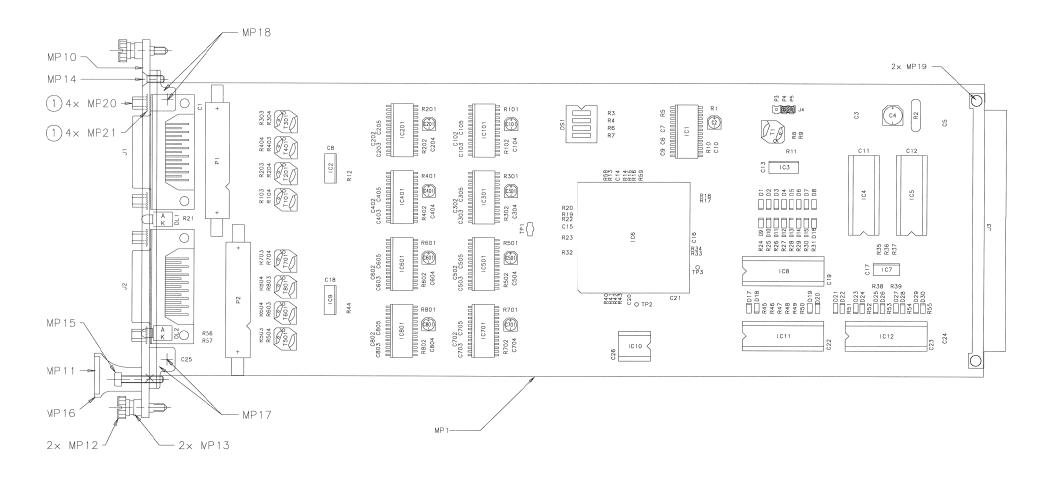
TDIFO, TDIF Interface 1.940.485.20 (0); TDIF Interface w. AES In 1.940.486.20 (0)

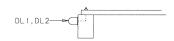


TDIFO, TDIF Interface 1.940.485.20 (0); TDIF Interface w. AES In 1.940.486.20 (0)



TDIFO, TDIF Interface 1.940.485.20 (0); TDIF Interface w. AES In 1.940.486.20 (0)





Accompanying documents: Zugehoerige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massstab:	ti on gabe	13.02.2	001	ZT	ML	HW	1
PL			Fdir	Date Dotum		Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: 1.940.485.20 / 4	86.20 Ind	lex 0	Page: Seite		•	1 ,	/ 1		•
STUDER 10 is in the last of	OUT BOARI ITH AES IN B	D, ESE OARD, ESE		Number: Nummer:	. 0	940 940	. 48	35 36.	20

TDIFO, TDIF Out 1.940.485.20 (0)

Page: 1 of 2

									. ago
dx. Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0 C1	59.60.3337 1 pce	100п	CER 50V, 10%, X7R, 0805	0	D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C2	not used 1 pce	10u	EL 16V, 4.0*5.7	0	D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
				0	D 24	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
	59,60,3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
C 4	59.68.0069 1 pce	47u	EL 16V, 6.3*5.7		D 26	50.60.8001		4448	200mA 75V 4ns SOD 80
0 C 5	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		D 27	50.60.8001		4448	200mA 75V 4ns SOD 80
0 C6	not used 1 pce	10n	CER 50V. 10%. X7R. 0805		D 28	50.60.8001		4448	200mA 75V 4ns SOD 80
0 C7	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		D 29			4448	200mA 75V 4ns SOD 80
C 8	not used 1 pce	100n	CER 50V, 10%, X7R, 0805			50.60.8001			
C 9	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		D 30	50.60.8001		4448	200mA 75V 4ns SOD 80
C 10	not used 1 pce	47n	CER 50V, 10%, X7R, 0805		DL 1	not used		HLMP1790	DL HLMP - 1790 GN
C 11	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	DL 2	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
C 12	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	DS 1	55.01.0164	1 pce	4*a	DIL-Switch, PCB
C 13	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0	IC 1	not used	1 pce	CS8412	AES-Receiver
	•			0	IC 2	not used	1 pce	DS34C86	4*RS 422 Line Receiver
C 14	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	IC 3	not used	1 pce	DS34C86	4*RS 422 Line Receiver
C 15	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 4	50.17.0541		74HCT541	IC 74 HCT541 ., ,A
C 16	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 5	50.17.0541		74HCT541	IC 74 HCT541 ., ,A
C 17	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805						
C 18	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 6	50.63.4210		EPF10K10	PLD 10 000 gates
C 19	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 7	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
C 20	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 8	50.17.0541	1 pce	74HCT541	IC 74 HCT541 ., ,A
C 21	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	IC 9	not used	1 pce	DS34C86	4*RS 422 Line Receiver
C 22	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0	IC 10	1.940.986.20	1 pce		SW485 TDIFOUT (50.63.4298
				0	IC 11	50.17.0541	1 pce	74HCT541	IC 74 HCT541 ., ,A
C 23	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 12	50.17.0541		74HCT541	IC 74 HCT541 ., ,A
C 24	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 101	not used		CS8412	AES-Receiver
C 25	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 201			CS8412	AES-Receiver
C 26	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805			not used			
C 101	not used 1 pce	10u	EL 16V, 4.0*5.7		IC 301	not used		CS8412	AES-Receiver
C 102	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		IC 401	not used		CS8412	AES-Receiver
C 103	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		IC 501	not used	pce	CS8412	AES-Receiver
C 104	not used 1 pce	47n	CER 50V, 10%, X7R, 0805	0	IC 601	not used	l pce	CS8412	AES-Receiver
	·			0	IC 701	not used	pce	CS8412	AES-Receiver
C 105	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		IC 801	not used		CS8412	AES-Receiver
C 201	not used 1 pce	10u	EL 16V, 4.0*5.7		J 1	not used		15p	D-Sub, PCB, Winkel
C 202	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		J 2	not used		15p	D-Sub, PCB, Winkel
C 203	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		J 3	54.11.2009			EU-R 3*32p
C 204	not used 1 pce	47n	CER 50V, 10%, X7R, 0805					96p	
C 205	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		J 4	not used		Jumper	0.63*0.63mm, Au
C 301	not used 1 pce	10u	EL 16V, 4.0*5.7		MP 1	1.940.485.11	•		D19M TDIF OUT PCB
C 302	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		MP 2	1.940.485.04	l pce		TYPENSCHILD
C 303	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0	MP 3	43.01.0108	l pce	Label	ESE-WARNSCHILD
C 304	not used 1 pce	47n	CER 50V, 10%, X7R, 0805	0	MP 10	1.940.485.01	l pce		FRONTPLATTE TDIF OUT
C 305		100n	CER 50V, 10%, X7R, 0805	0	MP 11	1.940.600.04	l pce		GRIFFEINLAGE 4TE
	not used 1 pce			0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
C 401	not used 1 pce	10u	EL 16V, 4.0*5.7		MP 13	49.02.0521			Metall-Buchse (Rack)
C 402	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		MP 14	49.02.0523		M2.5*7	Senk-Schr, KS, Senkripp
C 403	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		MP 15	21.53.0284		M2.5*16	Z-Schraube Inbus Zn gb chr
C 404	not used 1 pce	47n	CER 50V, 10%, X7R, 0805		MP 16			4TE	
C 405	not used 1 pce	100n	CER 50V, 10%, X7R, 0805			49.02.0504		416	Frontplatten-Griff
C 501	not used 1 pce	10u	EL 16V, 4.0*5.7		MP 17	49.02.0522			Kartenhalter mit Z-Schr
C 502	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		MP 18	49.02.0522			Kartenhalter mit Z-Schr
C 503	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		MP 19	28.99.0119			ROHRNIETE D 2.5*0.15* 9
C 504	not used 1 pce	47n	CER 50V, 10%, X7R, 0805	0		not used	pce	16p	Stecker gerade Au
C 505	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0	P 2	not used 1	pce	16p	Stecker gerade Au
C 601	not used 1 pce	10u	EL 16V, 4.0*5.7	0	P 3	not used ?	pce	1p	Pin, 1reihig, gerade
			·	0	P 4	not used ?	pce	1p	Pin, 1reihig, gerade
C 602	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0	P 5	not used ?		1p	Pin, 1reihig, gerade
C 603	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		R 1	not used		22R	MF, 1%, 0204, E24
C 604	not used 1 pce	47n	CER 50V, 10%, X7R, 0805		R 2	57.92.7053		1.6A	PTC 30V
C 605	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0		57.60.1103		1.0A	MF, 1%, 0204, E24
C 701	not used 1 pce	10u	EL 16V, 4.0*5.7						
C 702	not used 1 pce	10n	CER 50V, 10%, X7R, 0805		R4	57.60.1103 1		10k	MF, 1%, 0204, E24
C 703	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0		not used 1		100k	MF, 1%, 0204, E24
C 704	not used 1 pce	47n	CER 50V, 10%, X7R, 0805	0		57.60.1103		10k	MF, 1%, 0204, E24
C 705	not used 1 pce	100n	CER 50V, 10%, X7R, 0805		R 7	57.60.1103		10k	MF, 1%, 0204, E24
C 801	not used 1 pce	10u	EL 16V, 4.0*5.7	0		not used ?		220R	MF, 1%, 0204, E24
C 802	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0		not used '		220R	MF, 1%, 0204, E24
C 803	not used 1 pce	10n	CER 50V, 10%, X7R, 0805	0	R 10	not used 1	pce	1k0	MF, 1%, 0204, E24
C 804	not used 1 pce	47n	CER 50V, 10%, X7R, 0805	0	R 11	not used ?	pce	10k	MF, 1%, 0204, E24
C 805	not used 1 pce	100n	CER 50V, 10%, X7R, 0805	0	R 12	not used 1	рсе	10k	MF, 1%, 0204, E24
			200mA 75V 4ns SOD 80		R 13	57.69.1097		10k	CF 5% 0603
D1	50.60.8001 1 pce	4448			R 14	57.69.1097		10k	CF 5% 0603
D 2	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 15	57.69.1097		10k	CF 5% 0603
D 3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 16	57.69.1097		10k	CF 5% 0603
D 4	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 17	57.69.1097		10k	CF 5% 0603
D 5	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 18	57.69.1097		10k	CF 5% 0603
D 6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 19	57.69.1097		10k	CF 5% 0603
D 7	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80						
D 8	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 20	57.69.1097		10k	CF 5% 0603
D 9	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		not used 1		1k0	MF, 1%, 0204, E24
D 10	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 22	57.69.1097		10k	CF 5% 0603
D 11	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0	R 23	57.69.1097	pce	10k	CF 5% 0603
D 12	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0	R 24	57.60.1470	pce	47R	MF, 1%, 0204, E24
					R 25	57.60.1470		47R	MF, 1%, 0204, E24
D 13	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 26	57.60.1470		47R	MF, 1%, 0204, E24
	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 27	57.60.1470		47R	MF, 1%, 0204, E24
	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80						
D 15	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		R 28	57.60.1470		47R	MF, 1%, 0204, E24
D 15	00.00.0001 1 poo	4440	200mA 75V 4ns SOD 80		R 29	57.60.1470		47R	MF, 1%, 0204, E24
D 15 D 16	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80						
D 15 D 16 D 17		4448 4448	200mA 75V 4ns SOD 80		R 30	57.60.1470		47R	MF, 1%, 0204, E24
D 15 D 16 D 17 D 18	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0		57.60.1470 ° 57.60.1470 °		47R 47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
D 15 D 16 D 17	50.60.8001 1 pce			0			рсе		

Date printed: 30.09.02

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	, IDIC								
ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0 R 34	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 35	not used 1 pce	22R	MF, 1%, 0204, E24						
0 R 36	57.60.1220 1 pce	22R	MF, 1%, 0204, E24						
0 R 37	57.60.1220 1 pce	22R	MF, 1%, 0204, E24						
0 R38 0 R39	57.60.1103 1 pce 57.60.1103 1 pce	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 40	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 41	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 42	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 43	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 44	not used 1 pce	10k	MF, 1%, 0204, E24						
0 R 45	57.60.1150 1 pce	15R	MF, 1%, 0204, E24						
0 R 46 0 R 47	57.60.1150 1 pce 57.60.1150 1 pce	15R	MF, 1%, 0204, E24						
0 R 47 0 R 48	57.60.1150 1 pce	15R 15R	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 49	57.60.1150 1 pce	15R	MF, 1%, 0204, E24						
0 R 50	57.60.1150 1 pce	15R	MF, 1%, 0204, E24						
0 R 51	57.60.1470 1 pce	47R	MF, 1%, 0204, E24						
0 R 52	57.60.1470 1 pce	47R	MF, 1%, 0204, E24						
0 R 53	57.60.1470 1 pce	47R	MF, 1%, 0204, E24						
0 R 54	57.60.1470 1 pce	47R	MF, 1%, 0204, E24						
0 R 55 0 R 56	57.60.1470 1 pce 57.60.1102 1 pce	47R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 57	57.60.1000 1 pce	0R0	MF, 1%, 0204, E24 MF, 0204						
0 R 58	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 59	57.69.1097 1 pce	10k	CF 5% 0603						
0 R 101	not used 1 pce	22R	MF, 1%, 0204, E24						
0 R 102	not used 1 pce	1k0	MF, 1%, 0204, E24						
0 R 103	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 104	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 201 0 R 202	not used 1 pce not used 1 pce	22R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 203	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 204	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 301	not used 1 pce	22R	MF, 1%, 0204, E24						
0 R 302	not used 1 pce	1k0	MF, 1%, 0204, E24						
0 R 303	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 304	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 401 0 R 402	not used 1 pce	22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 402	not used 1 pce not used 1 pce	1k0 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 404	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 501	not used 1 pce	22R	MF, 1%, 0204, E24						
0 R 502	not used 1 pce	1k0	MF, 1%, 0204, E24						
0 R 503	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 504	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 601 0 R 602	not used 1 pce	22R	MF, 1%, 0204, E24						
0 R 602 0 R 603	not used 1 pce not used 1 pce	1k0 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 604	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 701	not used 1 pce	22R	MF, 1%, 0204, E24						
0 R 702	not used 1 pce	1k0	MF, 1%, 0204, E24						
0 R 703	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 704	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 801 0 R 802	not used 1 pce not used 1 pce	22R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
0 R 803	not used 1 pce	220R	MF, 1%, 0204, E24						
0 R 804	not used 1 pce	220R	MF, 1%, 0204, E24						
0 T1	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 T 101	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 T 201	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 T 301 0 T 401	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 T 501	not used 1 pce not used 1 pce	1:1 1:1	DI/DO TRANSFORMER DI/DO TRANSFORMER						
0 T 601	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 T 701	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 T 801	not used 1 pce	1:1	DI/DO TRANSFORMER						
0 TP 1	54.02.0320 1 pce	1p	PCB-Flachst 2.8*0.8, gerade						
0 XDL 2	50.20.2501 1 pce	Spacer	LED-Sockel						
0 XIC 6	53.03.2284 1 pce	84p	PLCC-Socket						
0 XIC 10	53.03.0166 1 pce	8p	DIL 0.3", löt, gerade						

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du Dan	o, ibii o	ME AAI	III ALU III	1.570.700.20	(')		raye. I
dx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
0 C1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 22	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
C 2	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 D 23	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
C 3	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 24	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
C 4	59.68.0069 1 pce	47u	EL 16V, 6.3*5.7	0 D 25	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
C 5	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 26	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80
C 6	59.60.3325 1 pce	10n	CFR 50V, 10%, X7R, 0805	0 D 27 0 D 28	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80
C 7	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 29	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
C 8 C 9	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D30	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80
C 9	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 DL 1	50.04.2202 1 pce	HLMP1790	DL HLMP - 1790 GN
C 10	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 DL 2	not used 1 pce	HLMP1790	DL HLMP - 1790 GN
C 11	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 DS 1	55.01.0164 1 pce	4*a	DIL-Switch, PCB
C 12	59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 1	50.62.0913 1 pce	CS8412	AES-Receiver
C 13 C 14	59.60.3337 1 pce 59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 2	50.62.0463 1 pce	DS34C86	4*RS 422 Line Receiver
C 15	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 3	50.62.0463 1 pce	DS34C86	4*RS 422 Line Receiver
C 16	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 4	50.17.0541 1 pce	74HCT541	IC 74 HCT541 ., ,A
C 17	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 5	50.17.0541 1 pce	74HCT541	IC 74 HCT541 ., ,A
C 18	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 6	50.63.4210 1 pce	EPF10K10	PLD 10 000 gates
C 19	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 7	50.62.6014 1 pce	74ACT 14	Hex inverting Schmitt trigger
C 20	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 8	50.17.0541 1 pce	74HCT541	IC 74 HCT541 ,A
C 21	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 9	50.62.0463 1 pce	DS34C86	4*RS 422 Line Receiver
C 22	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 10 0 IC 11	1.940.986.20 1 pce	74407541	SW485 TDIFOUT (50.63.4298)
C 23	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 11 0 IC 12	50.17.0541 1 pce 50.17.0541 1 pce	74HCT541 74HCT541	IC 74 HCT541 ., ,A IC 74 HCT541 ., ,A
C 24	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 12	50.62.0913 1 pce	CS8412	AES-Receiver
C 25	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 201	50.62.0913 1 pce	CS8412	AES-Receiver
C 26	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 IC 301	50.62.0913 1 pce	CS8412	AES-Receiver
C 101	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 IC 401	50.62.0913 1 pce	CS8412	AES-Receiver
C 102	59.60.3325 1 pce	10n 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 501	50.62.0913 1 pce	CS8412	AES-Receiver
C 103	59.60.3325 1 pce	10n 47n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805	0 IC 601	50.62.0913 1 pce	CS8412	AES-Receiver
C 104 C 105	59.60.3333 1 pce 59.60.3337 1 pce	47fi 100n	CER 50V, 10%, X7R, 0805	0 IC 701	50.62.0913 1 pce	CS8412	AES-Receiver
C 201	59.68.0065 1 pce	10011 10u	EL 16V, 4.0*5.7	0 IC 801	50.62.0913 1 pce	CS8412	AES-Receiver
C 202	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 J1	54.13.0072 1 pce	15p	D-Sub, PCB, Winkel
C 203	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 J2	54.13.0072 1 pce	15p	D-Sub, PCB, Winkel
C 204	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 J3	54.11.2009 1 pce	96p	EU-R 3*32p
C 205	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 J4	54.01.0021 1 pce	Jumper	0.63*0.63mm, Au
C 301	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 MP 1	1.940.485.11 1 pce		D19M TDIF OUT PCB
C 302	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 MP 2	1.940.486.04 1 pce		TYPENSCHILD
C 303	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 MP3 0 MP10	43.01.0108 1 pcc	Label	ESE-WARNSCHILD FRONTPLATTE TDIF OUT/AES
C 304	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 MP 11	1.940.486.01 1 pce 1.940.600.04 1 pce		GRIFFEINLAGE 4TE
C 305	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
C 401	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 MP 13	49.02.0520 2 pcs	1412.5 12	Metall-Buchse (Rack)
C 402	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 MP 14	not used 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
C 403	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 MP 15	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
C 404	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff
C 405	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 MP 17	49.02.0522 1 pce		Kartenhalter mit Z-Schr
C 501	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7 CER 50V, 10%, X7R, 0805	0 MP 18	not used 1 pce		Kartenhalter mit Z-Schr
C 502 C 503	59.60.3325 1 pce 59.60.3325 1 pce	10n 10n	CER 50V, 10%, X7R, 0805	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
C 504	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	1 MP 20	54.13.0081 4 pcs	4.85mm	Bolzen UNC 4-40
C 505	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	1 MP 21	24.16.2025 4 pcs	2.7/5.5	Fächerscheibe Form A
C 601	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 P1	not used 1 pce	16p	Stecker gerade Au
C 602	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 P2	not used 1 pce	16p	Stecker gerade Au
C 603	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 P3	54.01.0020 1 pce	1p	Pin, 1reihig, gerade
C 604	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 P4 0 P5	54.01.0020 1 pce 54.01.0020 1 pce	1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade
C 605	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 F3	57.60.1220 1 pce	22R	MF, 1%, 0204, E24
C 701	59.68.0065 1 pce	10u	EL 16V, 4.0*5.7	0 R1	57.92.7053 1 pce	1.6A	MF, 1%, 0204, E24 PTC 30V
C 702	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 R2	57.60.1103 1 pce	1.0A 10k	MF, 1%, 0204, E24
C 703	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 R4	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
C 704 C 705	59.60.3333 1 pce 59.60.3337 1 pce	47n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R 5	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
C 705	59.68.0065 1 pce	100n 10u	EL 16V, 4.0*5.7	0 R6	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
C 802	59.60.3325 1 pce	10u 10n	CER 50V, 10%, X7R, 0805	0 R7	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
C 803	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805	0 R8	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
C 804	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 R 9	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
C 805	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 R 10	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
D 1	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R11	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
D 2	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 12 0 R 13	57.60.1103 1 pce	10k 10k	MF, 1%, 0204, E24 CF 5% 0603
D 3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 13 0 R 14	57.69.1097 1 pce 57.69.1097 1 pce	10k 10k	CF 5% 0603
D 4	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 15	57.69.1097 1 pce	10k	CF 5% 0603
D 5 D 6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 16	57.69.1097 1 pce	10k	CF 5% 0603
D 6 D 7	50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 R 17	57.69.1097 1 pce	10k	CF 5% 0603
D 8	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 R18	57.69.1097 1 pce	10k	CF 5% 0603
D 9	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 19	57.69.1097 1 pce	10k	CF 5% 0603
D 10	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 20	57.69.1097 1 pce	10k	CF 5% 0603
D 11	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 21	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
D 12	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 22	57.69.1097 1 pce	10k	CF 5% 0603
D 13	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 23	57.69.1097 1 pce	10k	CF 5% 0603
D 14	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 24	57.60.1470 1 pce	47R	MF, 1%, 0204, E24
•	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 25	57.60.1470 1 pce	47R	MF, 1%, 0204, E24
	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 26	57.60.1470 1 pce	47R 47B	MF, 1%, 0204, E24
D 15 D 16		4440	200mA 75V 4ns SOD 80	0 R 27	57.60.1470 1 pce	47R	MF, 1%, 0204, E24
D 15 D 16 D 17	50.60.8001 1 pce	4448			57 60 1470 1 200	47P	MF 1% 0204 F24
D 15 D 16 D 17 D 18	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 R 28 0 R 29	57.60.1470 1 pce 57.60.1470 1 pce	47R 47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
D 15 D 16 D 17 D 18 D 19	50.60.8001 1 pce 50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 R 29	57.60.1470 1 pce	47R	MF, 1%, 0204, E24
D 15 D 16 D 17 D 18 D 19 D 20 D 21	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80				

Date printed: 30.09.02

TDIFO, TDIF Out with AES In 1.940.486.20 (1)

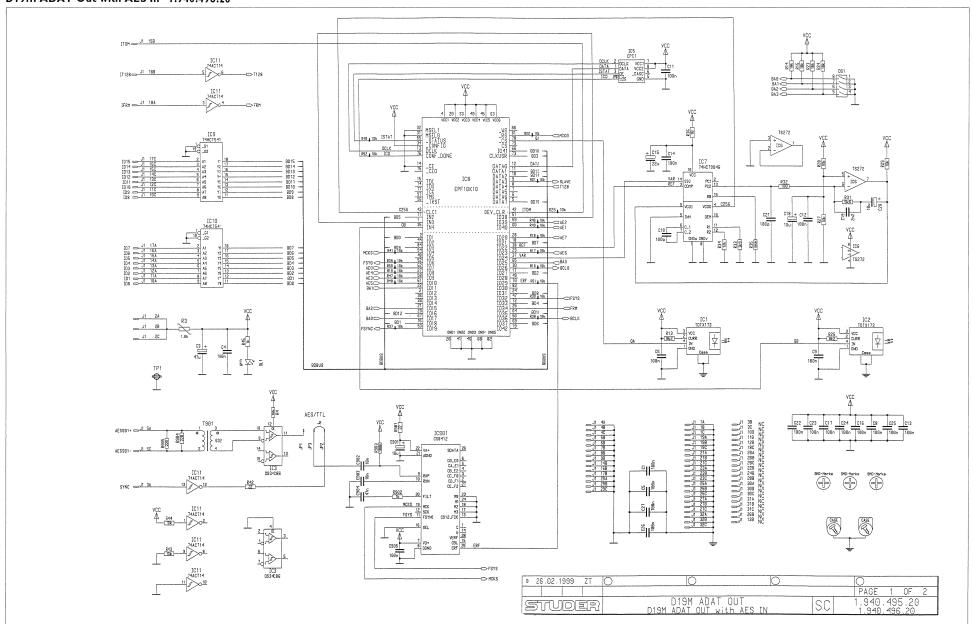
Page: 2 of 2

		,	•	OF AAICI	I ALU III	III	JUILU	`''				raye. z
ldx.	Pos.	Part No.	Qty.	Type/Val.	Description		ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0	R 32	57.69.1097	1 pce	10k	CF 5% 0603							
	R 33	57.69.1097		10k	CF 5% 0603							
	R 34	57.69.1097	1 pce	10k	CF 5% 0603							
0	R 35	57.60.1220	1 pce	22R	MF, 1%, 0204, E24							
0	R 36	57.60.1220	1 pce	22R	MF, 1%, 0204, E24							
	R 37	57.60.1220		22R	MF, 1%, 0204, E24							
	R 38	57.60.1103		10k	MF, 1%, 0204, E24							
	R 39	57.60.1103		10k	MF, 1%, 0204, E24							
	R 40	57.69.1097		10k 10k	CF 5% 0603 CF 5% 0603							
	R 41 R 42	57.69.1097 57.69.1097		10k	CF 5% 0603							
	R 43	57.69.1097		10k	CF 5% 0603							
	R 44	57.60.1103		10k	MF, 1%, 0204, E24							
	R 45	57.60.1150	1 pce	15R	MF, 1%, 0204, E24							
0	R 46	57.60.1150	1 pce	15R	MF, 1%, 0204, E24							
0	R 47	57.60.1150	1 pce	15R	MF, 1%, 0204, E24							
0	R 48	57.60.1150	1 pce	15R	MF, 1%, 0204, E24							
	R 49	57.60.1150		15R	MF, 1%, 0204, E24							
	R 50	57.60.1150		15R	MF, 1%, 0204, E24							
	R 51	57.60.1470		47R	MF, 1%, 0204, E24							
	R 52	57.60.1470		47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 53 R 54	57.60.1470 57.60.1470		47R 47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 55	57.60.1470		47R	MF, 1%, 0204, E24							
	R 56	not used		1k0	MF, 1%, 0204, E24							
	R 57	not used		0R0	MF, 0204							
	R 58	57.69.1097		10k	CF 5% 0603							
	R 59	57.69.1097		10k	CF 5% 0603							
0	R 101	57.60.1220	1 pce	22R	MF, 1%, 0204, E24							
0	R 102	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24							
	R 103	57.60.1221		220R	MF, 1%, 0204, E24							
	R 104	57.60.1221		220R	MF, 1%, 0204, E24							
	R 201	57.60.1220		22R	MF, 1%, 0204, E24							
	R 202	57.60.1102		1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 203 R 204	57.60.1221 57.60.1221		220R 220R	MF, 1%, 0204, E24							
	R 301	57.60.1220		22R	MF, 1%, 0204, E24							
	R 302	57.60.1102		1k0	MF, 1%, 0204, E24							
	R 303	57.60.1221		220R	MF, 1%, 0204, E24							
0	R 304	57.60.1221	1 pce	220R	MF, 1%, 0204, E24							
0	R 401	57.60.1220		22R	MF, 1%, 0204, E24							
	R 402	57.60.1102		1k0	MF, 1%, 0204, E24							
	R 403	57.60.1221		220R	MF, 1%, 0204, E24							
	R 404	57.60.1221		220R	MF, 1%, 0204, E24							
	R 501 R 502	57.60.1220 57.60.1102		22R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 502	57.60.1102		220R	MF, 1%, 0204, E24							
	R 504	57.60.1221		220R	MF, 1%, 0204, E24							
	R 601	57.60.1220		22R	MF, 1%, 0204, E24							
	R 602	57.60.1102		1k0	MF, 1%, 0204, E24							
	R 603	57.60.1221		220R	MF, 1%, 0204, E24							
0	R 604	57.60.1221	1 pce	220R	MF, 1%, 0204, E24							
	R 701	57.60.1220		22R	MF, 1%, 0204, E24							
	R 702	57.60.1102		1k0	MF, 1%, 0204, E24							
	R 703	57.60.1221		220R	MF, 1%, 0204, E24							
	R 704 R 801	57.60.1221 57.60.1220		220R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
	R 802	57.60.1220		1k0	MF, 1%, 0204, E24							
	R 803	57.60.1221		220R	MF, 1%, 0204, E24							
	R 804	57.60.1221	•	220R	MF, 1%, 0204, E24							
		1.022.632.00		1:1	DI/DO TRANSFORMER							
0	T 101	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER							
		1.022.632.00		1:1	DI/DO TRANSFORMER							
		1.022.632.00		1:1	DI/DO TRANSFORMER							
		1.022.632.00		1:1	DI/DO TRANSFORMER							
		1.022.632.00		1:1	DI/DO TRANSFORMER							
		1.022.632.00 1.022.632.00		1:1 1:1	DI/DO TRANSFORMER DI/DO TRANSFORMER							
		1.022.632.00		1:1	DI/DO TRANSFORMER							
	TP 1	54.02.0320		1p	PCB-Flachst 2.8*0.8, gera	de						
	XDL 1	50.20.2501	•	Spacer	LED-Sockel							
	XIC 6	53.03.2284		84p	PLCC-Socket							
0	XIC 10	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade							
				End of List								

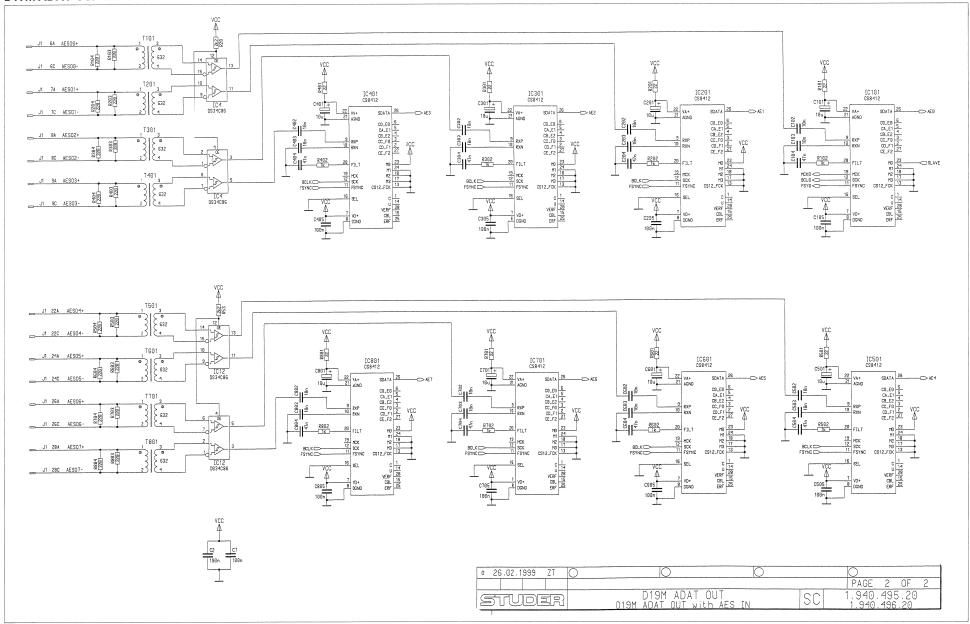
(01) Additionally MP20 and MP21

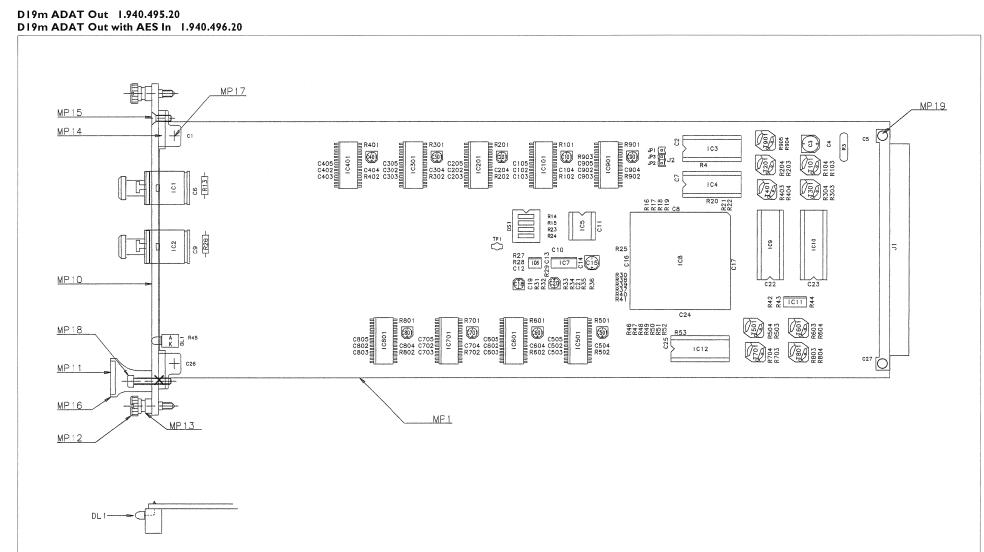
Date printed: 30.09.02

DI9m ADAT Out 1.940.495.20 DI9m ADAT Out with AES In 1.940.496.20



D19m ADAT Out 1.940.495.20 D19m ADAT Out with AES In 1.940.496.20





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REGENSDORF	Descri	D19M ADAT	OUT with	AES IN 'ES	E'	Number	4 1.9	40.	496	. 20)
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D19M ADAT OUT 1.940.495.20 (1)

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dx. Pos.							
	Part No. Qtv	. Type/Val.	Description	ldx. Pos.	Part No. Qtv.	Type/Val.	Description
	50.00.0007	400-	CED FOV ADM - YZD DROE	0 IC 201	not used	CS8412	AES-Receiver
0 C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 301	not used	CS8412	AES-Receiver
0 C2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 401	not used	CS8412	AES-Receiver
0 C3	59.68.0069	47u	EL 16V, 6.3*5.7	0 IC 501	not used	CS8412	AES-Receiver
0 C4 0 C5	59.60.3337	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 IC 601	not used	CS8412	AES-Receiver
0 C5 0 C6	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805	0 IC 701	not used	CS8412	AES-Receiver
0 C7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 801	not used	CS8412	AES-Receiver
0 C8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 901	not used	CS8412	AES-Receiver
0 C9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 J1	54.11.2009	96p	EU-R 3*32p
0 C 10	59.60.2249	100n	CER 50V, 5%, C0G, 0603	0 J2	not used	Jumper	0.63*0.63mm, Au
0 C 10	59.60.3337	100p	CER 50V, 10%, X7R, 0805	0 JP 1	not used	1p	Pin, 1reihig, gerade
0 C 11	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 JP 2	not used	1p	Pin, 1reihig, gerade
		100n	CER 50V, 10%, X7R, 0805	0 JP 3	not used	1p	Pin, 1reihig, gerade
0 C 13	59.60.3337 59.60.3337			0 MP 1	1.940.495.11		D19M ADAT OUT PCB
0 C 14		100n	CER 50V, 10%, X7R, 0805 EL 16V, 5.0*5.7	0 MP 2	1.940.495.04		TYPENSCHILD
0 C 15	59.68.0067	22u		0 MP 3	1.101.001.20	Label	TEXT-ETIK. 5*20 HARDWARE -20
0 C 16	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	0 MP 4	43.01.0108	Label	ESE-WARNSCHILD
0 C 17	59.60.3337		CER 50V, 10%, X7R, 0805	0 MP 10	1.940.495.01 1 pce		FRONTPLATTE ADATO
0 C 18	59.68.0065	10u	EL 16V, 4.0*5.7	0 MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE
0 C 19	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
0 C 20	59.68.0065	10u	EL 16V, 4.0*5.7	0 MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)
0 C 21	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 MP 14	49.02.0522 2 pcs		Kartenhalter mit Z-Schr
0 C 22	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0 C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff
0 C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	1 MP 17	not used 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0 C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	!!			MP14 (49.02.0522 Kartenhalter) enthalte.
0 C 26	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0 C 27	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP 19	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
0 C 101	not used	10u	EL 16V, 4.0*5.7	0 R3	57.92.7053	1.6A	PTC 30V
0 C 102	not used	10n	CER 50V, 10%, X7R, 0805	0 R4	not used	10k	MF, 1%, 0204, E24
0 C 103	not used	10n	CER 50V, 10%, X7R, 0805	0 R 13	57.11.3822	8k2	MF, 1%, 0207
0 C 104	not used	47n	CER 50V, 10%, X7R, 0805	0 R 14	57.60.1103	10k	MF, 1%, 0204, E24
0 C 105	not used	100n	CER 50V, 10%, X7R, 0805	0 R 15	57.60.1103	10k	MF, 1%, 0204, E24
0 C 201	not used	10u	EL 16V, 4.0*5.7	0 R 16	57.69.1097	10k	CF 5% 0603
0 C 202	not used	10n	CER 50V, 10%, X7R, 0805	0 R 17	57.69.1097	10k	CF 5% 0603
0 C 203	not used	10n	CER 50V, 10%, X7R, 0805	0 R 18	57.69.1097	10k	CF 5% 0603
0 C 204	not used	47n	CER 50V, 10%, X7R, 0805	0 R 19	57.69.1097	10k	CF 5% 0603
0 C 205	not used	100n	CER 50V, 10%, X7R, 0805	0 R 20	not used	2k2	MF, 1%, 0204, E24
0 C 301	not used	10u	EL 16V, 4.0*5.7	0 R 21	57.69.1097	10k	CF 5% 0603
0 C 302	not used	10n	CER 50V, 10%, X7R, 0805	0 R 22	57.69.1097	10k	CF 5% 0603
0 C 303	not used	10n	CER 50V, 10%, X7R, 0805	0 R 23	57.60.1103	10k	MF, 1%, 0204, E24
0 C 304	not used	47n	CER 50V, 10%, X7R, 0805	0 R 24	57.60.1103	10k	MF, 1%, 0204, E24
0 C 305	not used	100n	CER 50V, 10%, X7R, 0805	0 R 25	57.69.1097	10k	CF 5% 0603
0 C 401	not used	10u	EL 16V, 4.0*5.7	0 R 26	57.11.3822	8k2	MF, 1%, 0207
0 C 402	not used	10n	CER 50V, 10%, X7R, 0805	0 R 27	57.60.1103	10k	MF, 1%, 0204, E24
0 C 403	not used	10n	CER 50V, 10%, X7R, 0805	0 R 28	57.60.1103	10k	MF, 1%, 0204, E24
0 C 404	not used	47n	CER 50V, 10%, X7R, 0805	0 R 29	57.60.1103	10k	MF, 1%, 0204, E24
0 C 405	not used	100n	CER 50V, 10%, X7R, 0805	0 R 30	57.69.1097	10k	CF 5% 0603
0 C 501	not used	10u	EL 16V, 4.0*5.7	0 R31	57.60.1562	5k6	MF, 1%, 0204, E24
0 C 502	not used	10n	CER 50V, 10%, X7R, 0805	0 R 32	57.60.1101	100R	MF, 1%, 0204, E24
0 C 503	not used	10n	CER 50V, 10%, X7R, 0805	0 R 33	57.60.1392	3k9	MF, 1%, 0204, E24
0 C 504	not used	47n	CER 50V, 10%, X7R, 0805	0 R 34	57.60.1123	12k	MF, 1%, 0204, E24
0 C 505	not used	100n	CER 50V, 10%, X7R, 0805	0 R35	57.60.1104	100k	MF, 1%, 0204, E24
0 C 601	not used	10u	EL 16V, 4.0*5.7	0 R36	57.60.1100	10R	MF, 1%, 0204, E24
0 C 602	not used	10n	CER 50V, 10%, X7R, 0805	0 R37	57.69.1097	10k	CF 5% 0603
0 C 603	not used	10n	CER 50V, 10%, X7R, 0805	0 R 38	57.69.1097	10k	CF 5% 0603
0 C 604	not used	47n	CER 50V, 10%, X7R, 0805	0 R39	57.69.1097	10k	CF 5% 0603
0 C 605	not used	100n	CER 50V, 10%, X7R, 0805	0 R40	57.69.1097	10k	CF 5% 0603
0 C 701	not used	10u	EL 16V, 4.0*5.7	0 R41	57.69.1097	10k	CF 5% 0603
0 C 702	not used	10n	CER 50V, 10%, X7R, 0805	0 R42	not used	22R	MF, 1%, 0204, E24
0 C 703	not used	10n	CER 50V, 10%, X7R, 0805	0 R 43	57.60.1103	10k	MF, 1%, 0204, E24
0 C 704	not used	47n	CER 50V, 10%, X7R, 0805	0 R 44	57.60.1103	10k	MF, 1%, 0204, E24
0 C 705	not used	100n	CER 50V, 10%, X7R, 0805	0 R 45	57.60.1102	1k0	MF, 1%, 0204, E24
0 C 801	not used	10u	EL 16V, 4.0*5.7	0 R 46	57.69.1097	10k	CF 5% 0603
0 C 802	not used	10n	CER 50V, 10%, X7R, 0805	0 R 47	57.69.1097	10k	CF 5% 0603
0 C 803	not used	10n	CER 50V, 10%, X7R, 0805	0 R 48	57.69.1097	10k	CF 5% 0603
0 C 804	not used	47n	CER 50V, 10%, X7R, 0805	0 R 49	57.69.1097	10k	CF 5% 0603
0 C 805	not used	100n	CER 50V, 10%, X7R, 0805	0 R 50	57.69.1097	10k	CF 5% 0603
0 C 901	not used	10u	EL 16V, 4.0*5.7	0 R 51	57.69.1097	10k	CF 5% 0603
0 C 902	not used	10n	CER 50V, 10%, X7R, 0805	0 R 52	57.69.1097	10k	CF 5% 0603
0 C 903	not used	10n	CER 50V, 10%, X7R, 0805	0 R 53	not used	2k2	MF, 1%, 0204, E24
0 C 904	not used	47n	CER 50V, 10%, X7R, 0805	0 R 101	not used	22R	MF, 1%, 0204, E24
0 C 905	not used	100n	CER 50V, 10%, X7R, 0805	0 R 102	not used	1k0	MF, 1%, 0204, E24
0 DL 1	50.04.2202	HLMP1790	DL HLMP - 1790 GN	0 R 103	not used	220R	MF, 1%, 0204, E24
0 DS 1	55.01.0164	4*a	DIL-Switch, PCB	0 R 104	not used	220R	MF, 1%, 0204, E24
0 IC 1	89.10.0111	TOTX173	Toslink Transmitter	0 R 201	not used	22R	MF, 1%, 0204, E24
0 IC 2	89.10.0111	TOTX173	Toslink Transmitter	0 R 202	not used	1k0	MF, 1%, 0204, E24
	not used	34C86	IC DS 34 C 86 TN, MC34C86P ,A	0 R 203	not used	220R	MF, 1%, 0204, E24
0 IC 3	not used	34C86	IC DS 34 C 86 TN, MC34C86P ,A	0 R 204	not used	220R	MF, 1%, 0204, E24
0 IC 4	1.940.954.20		SW 495 ADATO (50.63,4298)	0 R 301	not used	22R	MF, 1%, 0204, E24
0 IC 4 0 IC 5		TS272CD	Dual Op-Amp CMOS SO 8	0 R 302	not used	1k0	MF, 1%, 0204, E24
0 IC 4 0 IC 5 0 IC 6	50.61.0205		DLL with handow souts VOO			220R	
0 IC 4 0 IC 5 0 IC 6 0 IC 7	50.62.4946	74HCT9046	PLL with bandgap contr VCO	0 R 303	not used		MF, 1%, 0204. E24
0 IC 4 0 IC 5 0 IC 6 0 IC 7 0 IC 8	50.62.4946 50.63.4210	EPF10K10	PLD 10 000 gates		not used not used		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 4 0 IC 5 0 IC 6 0 IC 7 0 IC 8 0 IC 9	50.62.4946 50.63.4210 50.17.0541	EPF10K10 74HCT541	PLD 10 000 gates IC 74 HCT541 ., ,A	0 R 304	not used	220R	MF, 1%, 0204, E24
0 IC 4 0 IC 5 0 IC 6 0 IC 7 0 IC 8 0 IC 9 0 IC 10	50.62.4946 50.63.4210	EPF10K10	PLD 10 000 gates	0 R 304 0 R 401	not used not used	220R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 IC 4 0 IC 5 0 IC 6 0 IC 7 0 IC 8 0 IC 9	50.62.4946 50.63.4210 50.17.0541	EPF10K10 74HCT541	PLD 10 000 gates IC 74 HCT541 ., ,A	0 R 304	not used	220R	MF, 1%, 0204, E24

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dx. Pos	s. Part No	. Qty.	Type/Val.	Description	 ldx. Pos.	Part No.	Qtv.	Type/Val.	Description	
0 R 50	01 not t	sed	22R	MF, 1%, 0204, E24						
0 R 50	02 not ι	sed	1k0	MF, 1%, 0204, E24						
0 R 50	03 not u	sed	220R	MF, 1%, 0204, E24						
0 R 50	04 not u	sed	220R	MF, 1%, 0204, E24						
0 R 60	01 not u	sed	22R	MF, 1%, 0204, E24						
0 R 60	02 not ι	sed	1k0	MF, 1%, 0204, E24						
0 R 60	03 not u	sed	220R	MF, 1%, 0204, E24						
0 R 60	04 not u	sed	220R	MF, 1%, 0204, E24						
0 R 70	01 not ı	sed	22R	MF, 1%, 0204, E24						
0 R 70		sed	1k0	MF, 1%, 0204, E24						
0 R 70	03 not u	sed	220R	MF, 1%, 0204, E24						
0 R 70		sed	220R	MF, 1%, 0204, E24						
0 R 80	01 not u	sed	22R	MF, 1%, 0204, E24						
0 R 80	02 not u	sed	1k0	MF, 1%, 0204, E24						
0 R 80		sed	220R	MF, 1%, 0204, E24						
0 R 80			220R	MF, 1%, 0204, E24						
0 R 90			22R	MF, 1%, 0204, E24						
0 R 90			1k0	MF, 1%, 0204, E24						
0 R 90			100k	MF, 1%, 0204, E24						
0 R 90	04 not ι	sed	220R	MF, 1%, 0204, E24						
0 R 90		sed	220R	MF, 1%, 0204, E24						
0 T 10			1:1	DI/DO TRANSFORMER						
0 T 20			1:1	DI/DO TRANSFORMER						
0 T 30			1:1	DI/DO TRANSFORMER						
0 T40			1:1	DI/DO TRANSFORMER						
0 T 50		sed	1:1	DI/DO TRANSFORMER						
0 T 60			1:1	DI/DO TRANSFORMER						
O T70			1:1	DI/DO TRANSFORMER						
O T 80	01 not u	sed	1:1	DI/DO TRANSFORMER						
0 T 90	01 not u	sed	1:1	DI/DO TRANSFORMER						
0 TP 1			2.8*0.8	PCB-Flachstecker, gerade						
0 XDL		501	Spacer	LED-Sockel						
0 XIC	3 not u	sed	16p	DIL 0.3", löt, gerade						
0 XIC	4 not u	sed	16p	DIL 0.3", löt, gerade						
0 XIC	5 53.03.0	166	8p	DIL 0.3", löt, gerade						
0 XIC			84p	PLCC-Socket						
0 XIC			20p	DIL 0.3", löt, gerade						
0 XIC			20p	DIL 0.3", löt, gerade						
0 XIC			16p	DIL 0.3", löt, gerade						

(1) 12.04.00 MP 17 not used

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D19M ADATO with AES IN 1.940.496.20 (1)

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ldx.	Pos.	Part No. Qtv.	Type/Val.	Description	ldx.	Pos.	Part No. Qtv.	Type/Val.	Description
0	C 1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 201	50.62.0913	CS8412	AES-Receiver
	C2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 301	50.62.0913	CS8412	AES-Receiver
	C 3	59.68.0069	47u	EL 16V, 6.3*5.7	0	IC 401	50.62.0913	CS8412	AES-Receiver
	C 4	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 501	50.62.0913	CS8412	AES-Receiver
	C 5	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 601	50.62.0913	CS8412	AES-Receiver
	C 6	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 701	50.62.0913	CS8412	AES-Receiver
	C7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 801	50.62.0913	CS8412	AES-Receiver
				CER 50V, 10%, X7R, 0805	0	IC 901	50.62.0913	CS8412	AES-Receiver
	C 8	59.60.3337	100n		0	J 1	54.11.2009	96p	EU-R 3*32p
	C 9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	J 2	54.01.0021	Jumper	0.63*0.63mm, Au
	C 10	59.60.2249	100p	CER 50V, 5%, COG, 0603	0	JP 1	54.01.0020	1p	Pin, 1reihig, gerade
	C 11	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	JP 2	54.01.0020	1p	Pin, 1reihig, gerade
	C 12	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	JP 3	54.01.0020	1p	Pin, 1reihig, gerade
	C 13	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 1	1.940.495.11		D19M ADAT OUT PCB
	C 14	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 2	1.940.496.04		TYPENSCHILD
	C 15	59.68.0067	22u	EL 16V, 5.0*5.7		MP 3	1.101.001.20	Label	TEXT-ETIK. 5*20 HARDWARE -20
	C 16	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 4	43.01.0108	Label	ESE-WARNSCHILD
	C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 10	1.940.495.01 1 pce		FRONTPLATTE ADATO
	C 18	59.68.0065	10u	EL 16V, 4.0*5.7		MP 11	1.940.600.04 1 pce		GRIFFEINLAGE 4TE
	C 19	59.60.3317	2n2	CER 50V, 10%, X7R, 0805		MP 12	49.02.0520 2 pcs	M2.5*12	Rändelschraube (Rack)
	C 20	59.68.0065	10u	EL 16V, 4.0*5.7		MP 13	49.02.0521 2 pcs		Metall-Buchse (Rack)
	C 21	59.60.2249	100p	CER 50V, 5%, C0G, 0603		MP 14	49.02.0522 2 pcs		Kartenhalter mit Z-Schr
	C 22	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 15	49.02.0523 1 pce	M2.5*7	Senk-Schr, KS, Senkripp
	C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 16	49.02.0504 1 pce	4TE	Frontplatten-Griff
	C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 17	not used 2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
	C 25	59.60.3337	100n	CER 50V, 10%, X7R, 0805	1	.vn 17	not used 2 pts		MP14 (49.02.0522 Kartenhalter) enthalten
	C 26	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	MP 18	21.53.0284 1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	C 27	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 19	28.99.0119 2 pcs	**	ROHRNIETE D 2.5*0.15* 9
0	C 101	59.68.0065	10u	EL 16V, 4.0*5.7		R 3	57.92.7053	1.6A	PTC 30V
0	C 102	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R4	57.60.1103	10k	MF, 1%, 0204, E24
0	C 103	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R 13	57.11.3822	8k2	MF, 1%, 0207
0	C 104	59.60.3333	47n	CER 50V, 10%, X7R, 0805		R 14	57.60.1103	10k	MF, 1%, 0207 MF, 1%, 0204, E24
0	C 105	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R 15	57.60.1103	10k	MF, 1%, 0204, E24
0	C 201	59.68.0065	10u	EL 16V, 4.0*5.7		R 16	57.69.1097	10k	CF 5% 0603
0	C 202	59.60.3325	10n	CER 50V, 10%, X7R, 0805					
0	C 203	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R 17	57.69.1097	10k	CF 5% 0603
	C 204	59.60.3333	47n	CER 50V, 10%, X7R, 0805		R 18	57.69.1097	10k	CF 5% 0603
	C 205	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R 19	57.69.1097	10k	CF 5% 0603
0	C 301	59.68.0065	10u	EL 16V, 4.0*5.7		R 20	57.60.1222	2k2	MF, 1%, 0204, E24
0	C 302	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R 21	57.69.1097	10k	CF 5% 0603
	C 303	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R 22	57.69.1097	10k	CF 5% 0603
	C 304	59.60.3333	47n	CER 50V, 10%, X7R, 0805		R 23	57.60.1103	10k	MF, 1%, 0204, E24
	C 305	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R 24	57.60.1103	10k	MF, 1%, 0204, E24
	C 401	59.68.0065	10u	EL 16V, 4.0*5.7		R 25	57.69.1097	10k	CF 5% 0603
	C 402		10u	CER 50V, 10%, X7R, 0805	0	R 26	57.11.3822	8k2	MF, 1%, 0207
	C 402	59.60.3325 59.60.3325	10n		0	R 27	57.60.1103	10k	MF, 1%, 0204, E24
				CER 50V, 10%, X7R, 0805	0	R 28	57.60.1103	10k	MF, 1%, 0204, E24
	C 404	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0	R 29	57.60.1103	10k	MF, 1%, 0204, E24
	C 405	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 30	57.69.1097	10k	CF 5% 0603
	C 501	59.68.0065	10u	EL 16V, 4.0*5.7	0	R 31	57.60.1562	5k6	MF, 1%, 0204, E24
	C 502	59.60.3325	10n	CER 50V. 10%, X7R. 0805	0	R 32	57.60.1101	100R	MF, 1%, 0204, E24
	C 503 C 504	59.60.3325	10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0	R 33	57.60.1392	3k9	MF, 1%, 0204, E24
		59.60.3333	47n		0	R 34	57.60.1123	12k	MF, 1%, 0204, E24
	C 505	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 35	57.60.1104	100k	MF, 1%, 0204, E24
	C 601	59.68.0065	10u	EL 16V, 4.0*5.7	0	R 36	57.60.1100	10R	MF, 1%, 0204, E24
	C 602	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	R 37	57.69.1097	10k	CF 5% 0603
	C 603	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	R 38	57.69.1097	10k	CF 5% 0603
	C 604	59.60.3333	47n 100n	CER 50V, 10%, X7R, 0805	0	R 39	57.69.1097	10k	CF 5% 0603
	C 605	59.60.3337		CER 50V, 10%, X7R, 0805	0	R 40	57.69.1097	10k	CF 5% 0603
	C 701	59.68.0065	10u	EL 16V, 4.0*5.7	0	R 41	57.69.1097	10k	CF 5% 0603
	C 702	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	R 42	57.60.1220	22R	MF, 1%, 0204, E24
	C 703	59.60.3325 59.60.3333	10n	CER 50V, 10%, X7R, 0805		R 43	57.60.1103	10k	MF, 1%, 0204, E24
	C 704	59.60.3333	47n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0	R 44	57.60.1103	10k	MF, 1%, 0204, E24
	C 705	59.60.3337	100n			R 45	57.60.1102	1k0	MF, 1%, 0204, E24
	C 801	59.68.0065	10u			R 46	57.69.1097	10k	CF 5% 0603
	C 802	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	R 47	57.69.1097	10k	CF 5% 0603
	C 803	59.60.3325	10n	CER 50V, 10%, X7R, 0805		R 48	57.69.1097	10k	CF 5% 0603
	C 804	59.60.3333	47n 100n	CER 50V, 10%, X7R, 0805		R 49	57.69.1097	10k	CF 5% 0603
	C 805	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 50	57.69.1097	10k	CF 5% 0603
	C 901	59.68.0065	10u	EL 16V, 4.0*5.7	0	R 51	57.69.1097	10k	CF 5% 0603
	C 902	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	R 52	57.69.1097	10k	CF 5% 0603
	C 903	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0	R 53	57.60.1222	2k2	MF, 1%, 0204, E24
	C 904	59.60.3333	47n	CER 50V, 10%, X7R, 0805	0	R 101	57.60.1220	22R	MF, 1%, 0204, E24
	C 905	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 102	57.60.1102	1k0	MF, 1%, 0204, E24
	DL 1	50.04.2202	HLMP1790	DL HLMP - 1790 GN	0	R 103	57.60.1221	220R	MF, 1%, 0204, E24
	DS 1	55.01.0164	4*a	DIL-Switch, PCB	0	R 104	57.60.1221	220R	MF, 1%, 0204, E24
	IC 1	89.10.0111	TOTX173	Toslink Transmitter	0	R 201	57.60.1220	22R	MF, 1%, 0204, E24
0	IC 2	89.10.0111	TOTX173	Toslink Transmitter	0	R 202	57.60.1102	1k0	MF, 1%, 0204, E24
	IC 3	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P ,A	0	R 203	57.60.1221	220R	MF, 1%, 0204, E24
	IC 4	50.15.0128	34C86	IC DS 34 C 86 TN, MC34C86P ,A	0	R 204	57.60.1221	220R	MF, 1%, 0204, E24
		1.940.954.20	70070	SW 495 ADATO (50.63.4298)		R 301	57.60.1220	22R	MF, 1%, 0204, E24
	IC 6	50.61.0205	TS272CD	Dual Op-Amp CMOS SO 8		R 302	57.60.1102	1k0	MF, 1%, 0204, E24
	IC 7	50.62.4946	74HCT9046	PLL with bandgap contr VCO		R 303	57.60.1221	220R	MF. 1%, 0204, E24
	IC 8	50.63.4210	EPF10K10	PLD 10 000 gates		R 304	57.60.1221	220R	MF, 1%, 0204, E24
	IC 9	50.17.0541	74HCT541	IC 74 HCT541 ., ,A		R 401	57.60.1220	22R	MF, 1%, 0204, E24
0	IC 10	50.17.0541	74HCT541	IC 74 HCT541 ., ,A		R 402	57.60.1102	1k0	MF, 1%, 0204, E24
	IC 11	50.62.6014	74ACT 14	Hex inverting Schmitt trigger		R 403	57.60.1221	220R	MF, 1%, 0204, E24
0									
0	IC 12 IC 101	50.15.0128 50.62.0913	34C86 CS8412	IC DS 34 C 86 TN, MC34C86P ,A AES-Receiver		R 404	57.60.1221	220R	MF, 1%, 0204, E24

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ldx. Pos	s	Part No.	Qtv.	Type/Val.	Description	ldx. Pos.	Part No.	Qtv.	Type/Val.	Description
0 R5	501	57.60.1220		22R	MF, 1%, 0204, E24					
0 R5	502	57.60.1102		1k0	MF, 1%, 0204, E24					
0 R5	503	57.60.1221		220R	MF, 1%, 0204, E24					
0 R5	604	57.60.1221		220R	MF, 1%, 0204, E24					
0 R6	801	57.60.1220		22R	MF, 1%, 0204, E24					
0 R6	802	57.60.1102		1k0	MF, 1%, 0204, E24					
0 R6	803	57.60.1221		220R	MF, 1%, 0204, E24					
0 R6	604	57.60.1221		220R	MF, 1%, 0204, E24					
0 R7	'01	57.60.1220		22R	MF, 1%, 0204, E24					
0 R7	'02	57.60.1102		1k0	MF, 1%, 0204, E24					
0 R7	'03	57.60.1221		220R	MF, 1%, 0204, E24					
0 R7	'04	57.60.1221		220R	MF, 1%, 0204, E24					
0 R8	801	57.60.1220		22R	MF, 1%, 0204, E24					
0 R8	802	57.60.1102		1k0	MF, 1%, 0204, E24					
0 R8	803	57.60.1221		220R	MF, 1%, 0204, E24					
0 R8	i04	57.60.1221		220R	MF, 1%, 0204, E24					
0 R9	01	57.60.1220		22R	MF, 1%, 0204, E24					
0 R9	002	57.60.1102		1k0	MF, 1%, 0204, E24					
0 R9	003	57.60.1104		100k	MF, 1%, 0204, E24					
0 R9	004	57.60.1221		220R	MF, 1%, 0204, E24					
0 R9	05	57.60.1221		220R	MF, 1%, 0204, E24					
0 T 10	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T 2	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T3	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T4	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T 5	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T 6	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T7	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T8	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 T9	01 1	.022.632.00		1:1	DI/DO TRANSFORMER					
0 TP	1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade					
0 XDI	L 1	50.20.2501		Spacer	LED-Sockel					
0 XIC	3	53.03.0168		16p	DIL 0.3", löt, gerade					
0 XIC	4	53.03.0168		16p	DIL 0.3", löt, gerade					
0 XIC	5	53.03.0166		8p	DIL 0.3", löt, gerade					
0 XIC	8	53.03.2284		84p	PLCC-Socket					
0 XIC	9	53.03.0165		20p	DIL 0.3", löt, gerade					
0 XIC	10	53.03.0165		20p	DIL 0.3", löt, gerade					
0 XIC	12	53.03.0168		16p	DIL 0.3", löt, gerade					

Commonte

(1) 12.04.00 MP 17 not used

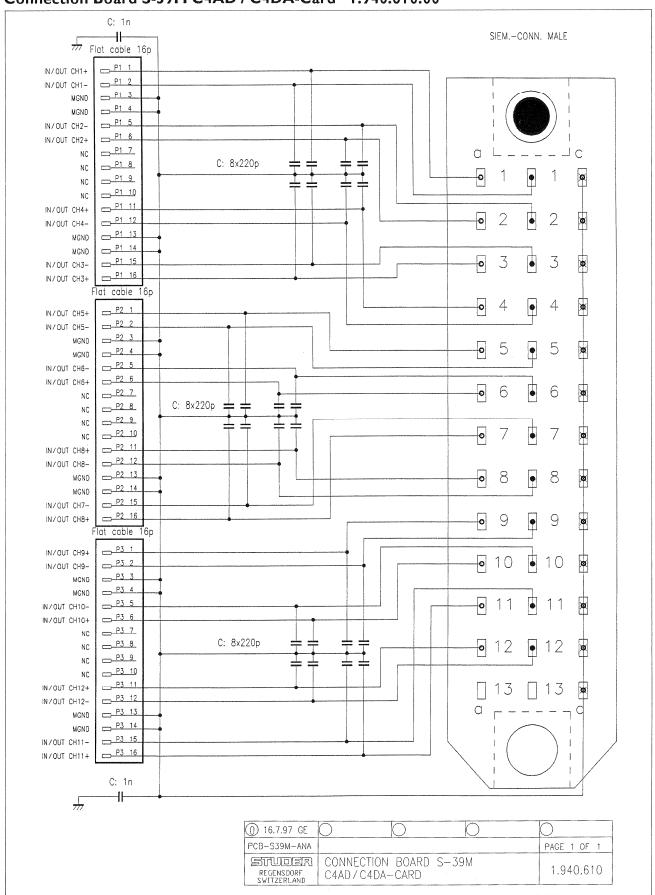
Date printed: 23.05.02 Section 7

CIRCUIT DIAGRAMS: D19m CONNECTION UNITS

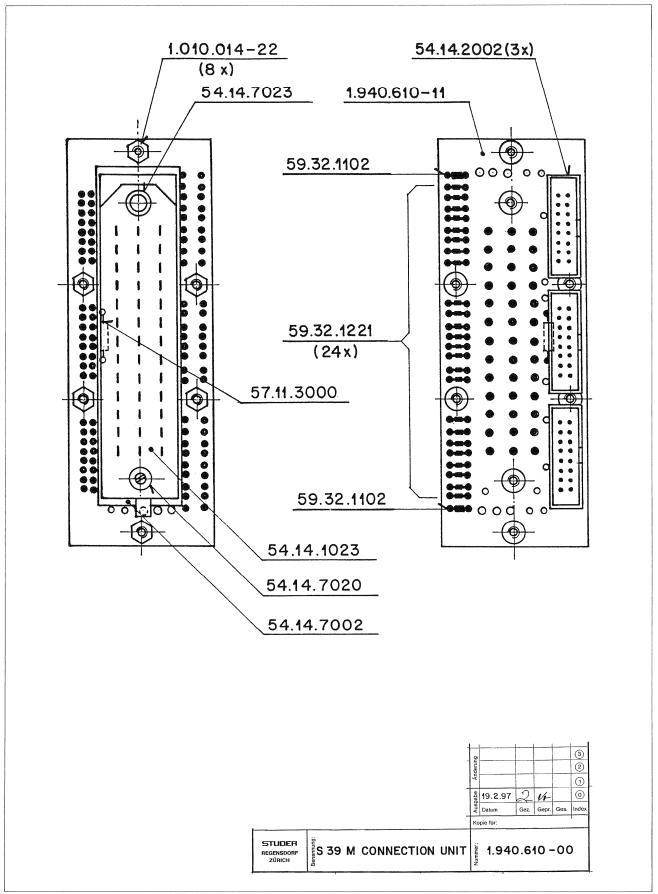
* Connection Unit S39m, gold contacts (analog I/O)
Connection Unit 4 × BNC (AES/EBU In)
Connection Unit S30f (analog In)
Connection Unit D15f (AES/EBU In)
Connection Unit 4 × XLR3f (AES/EBU In)
Connection Unit 2 × D25f (GPI/O)
Connection Unit D15f (analog In)
Connection Unit 4 × XLR3f (analog In)
Connection Unit 2 × D25f (control port)
Connection Unit 4 × Bantam Jack (analog insert)
Connection Unit 4 × D25m (dual TDIF I/O)
Connection Unit 4 × BNC (WCLK Out)
Connection Unit 2 × D15f (AES/EBU or analog In)
Connection Unit 4 × XLR3f (AES/EBU In)
Connection Unit S30f, gold contacts (analog Out) 1.940.640
Connection Unit 4 × BNC (AES/EBU In)



Connection Board S-39M C4AD / C4DA-Card 1.940.610.00

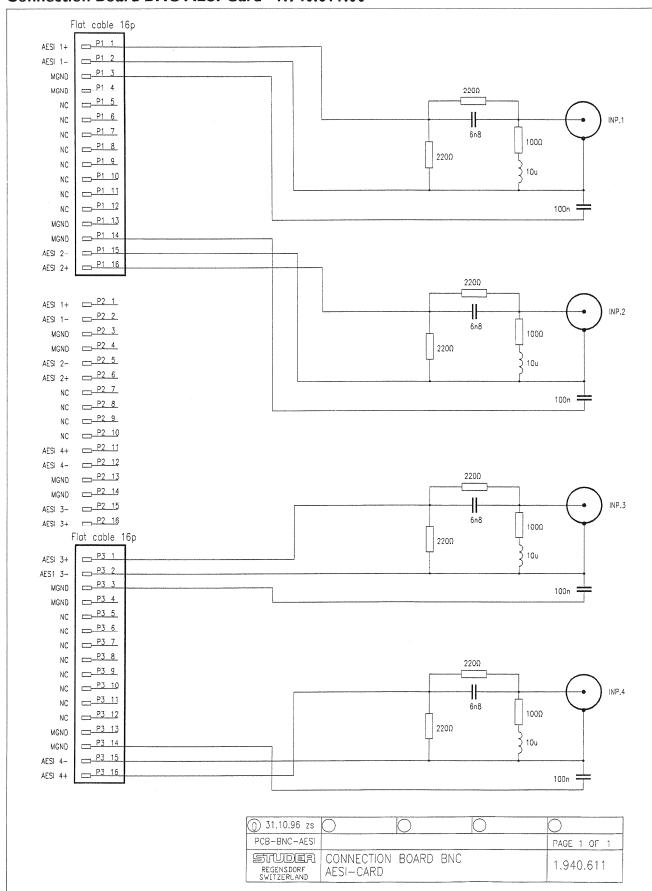


Connection Board S-39M C4AD / C4DA-Card 1.940.610.00

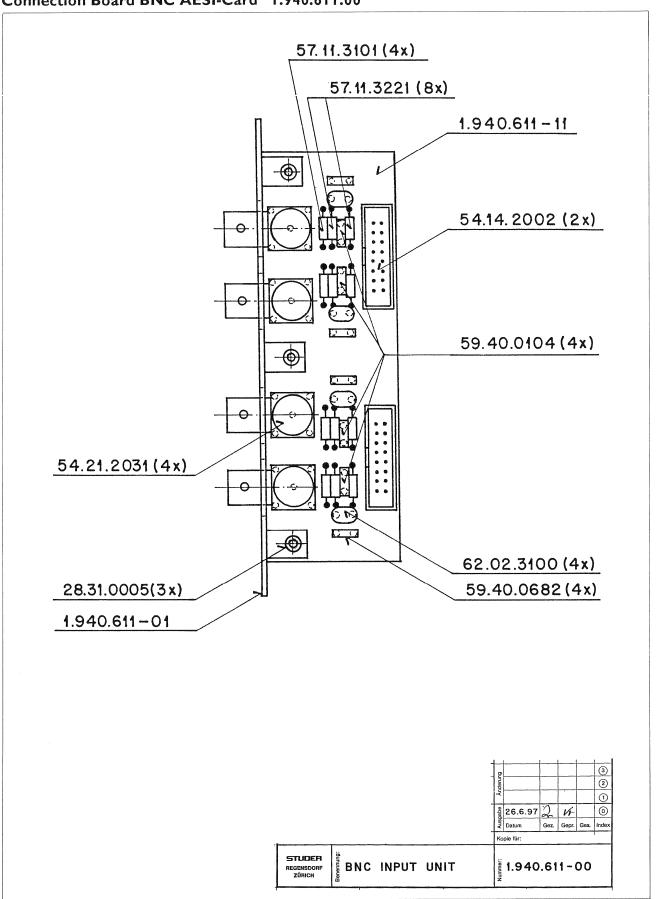




Connection Board BNC AESI-Card 1.940.611.00

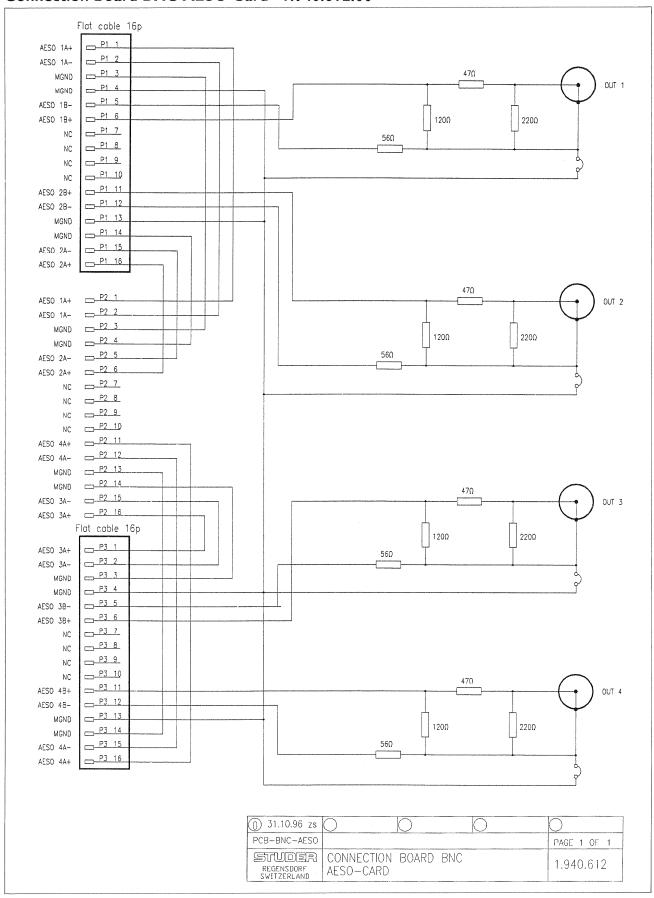


Connection Board BNC AESI-Card 1.940.611.00

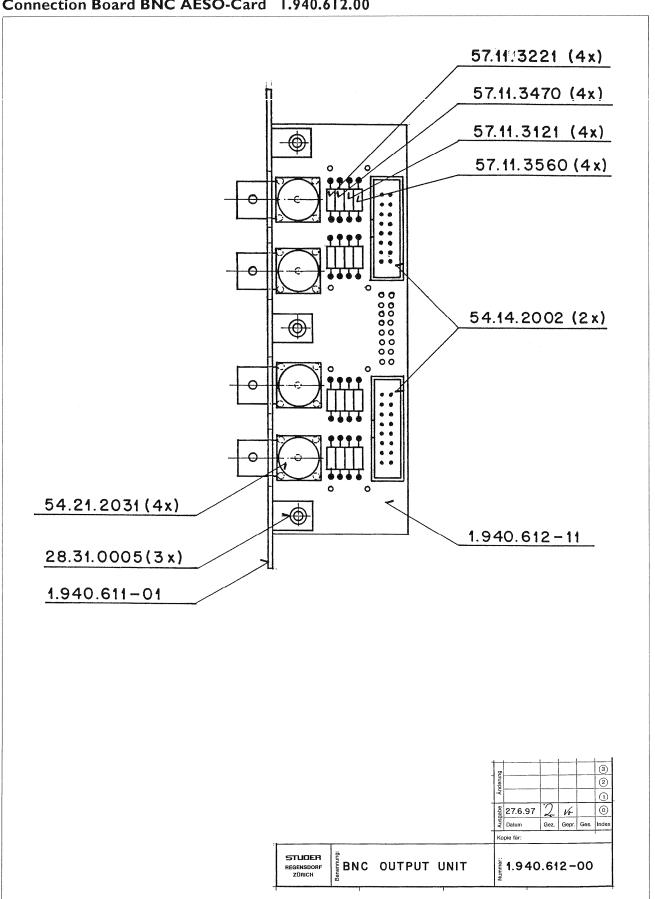




Connection Board BNC AESO-Card 1.940.612.00

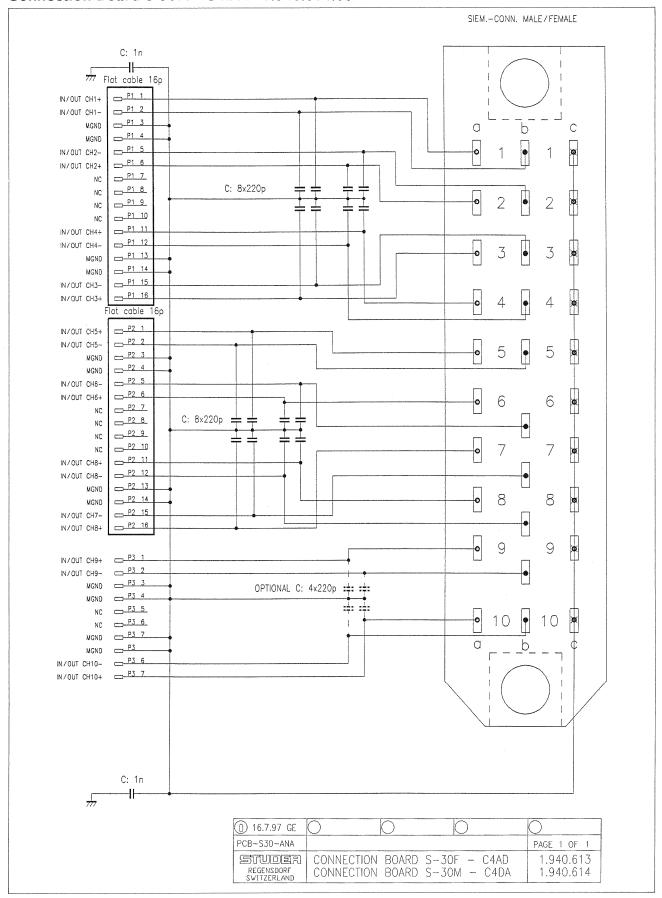


Connection Board BNC AESO-Card 1.940.612.00

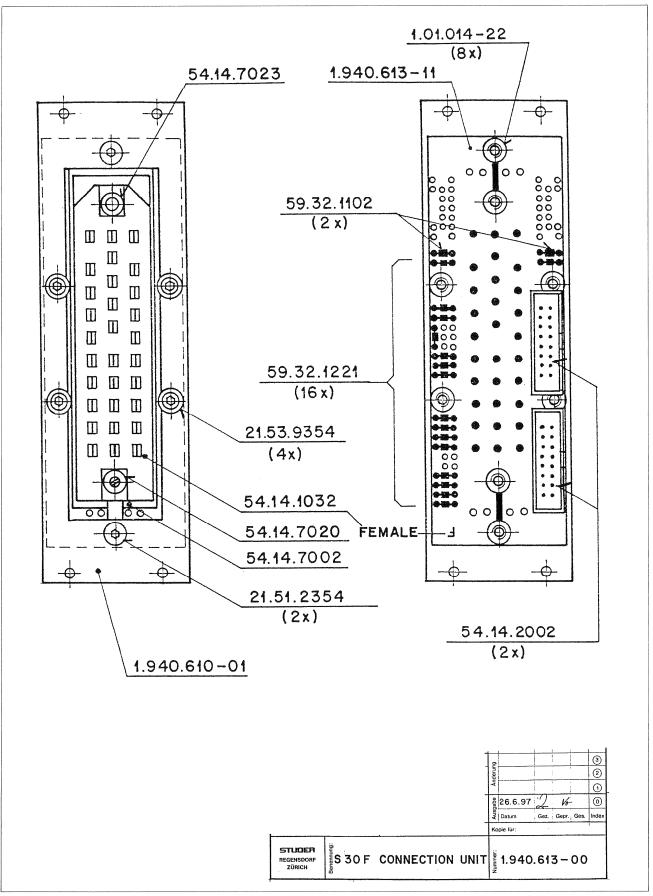




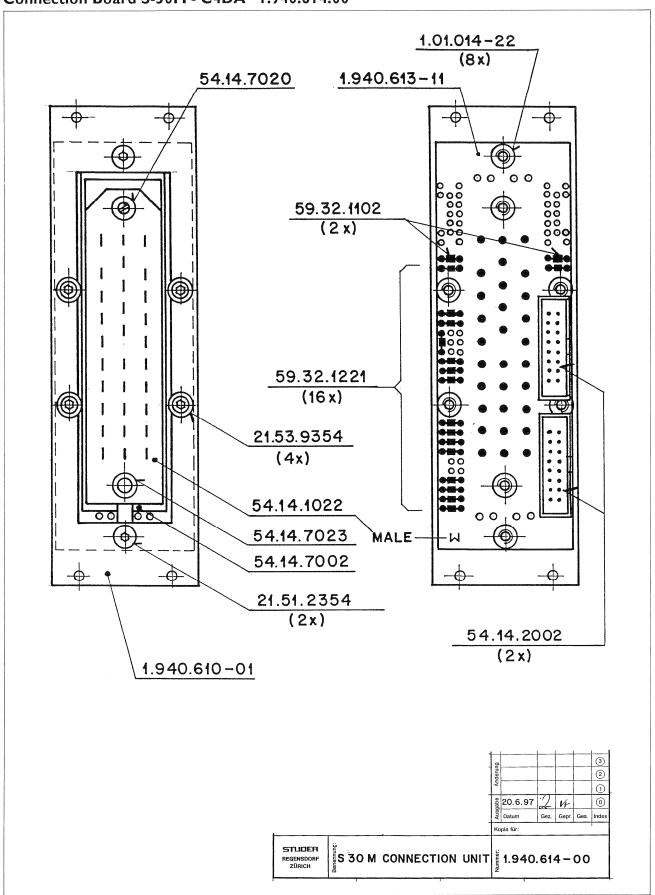
Connection Board S-30F - C4AD 1.940.613.00 Connection Board S-30M - C4DA 1.940.614.00



Connection Board S-30F - C4AD 1.940.613.00

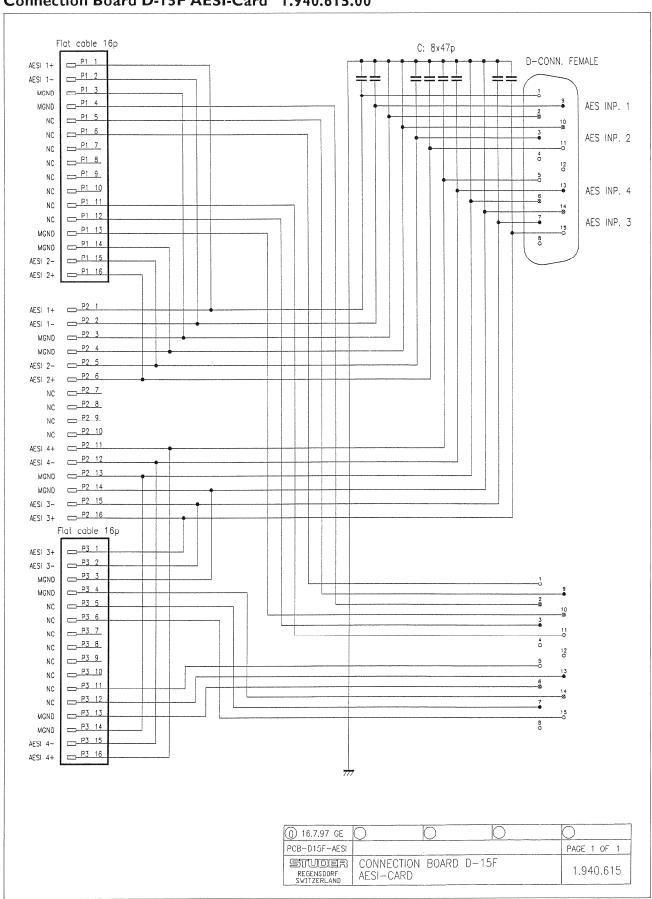


Connection Board S-30M - C4DA 1.940.614.00

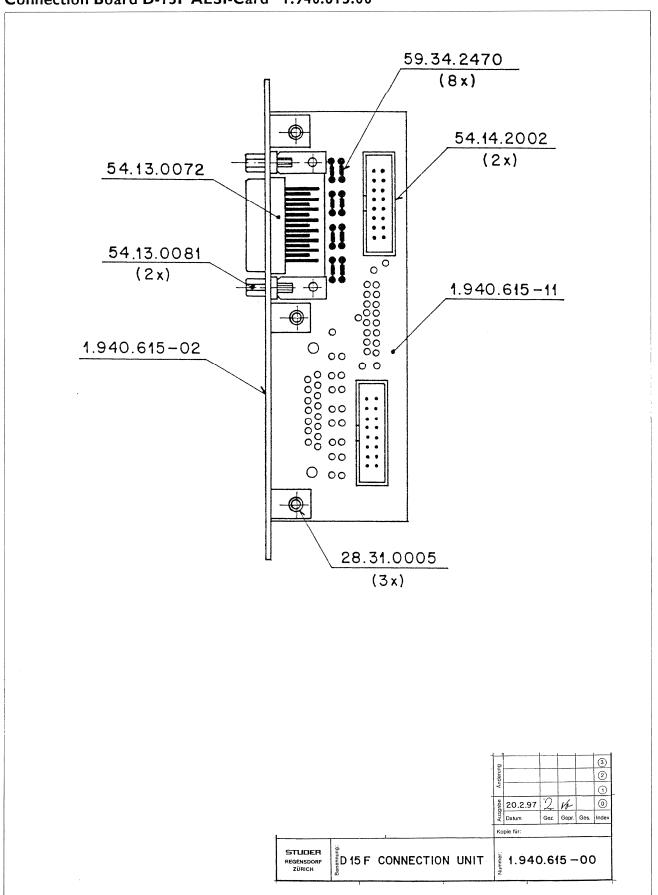




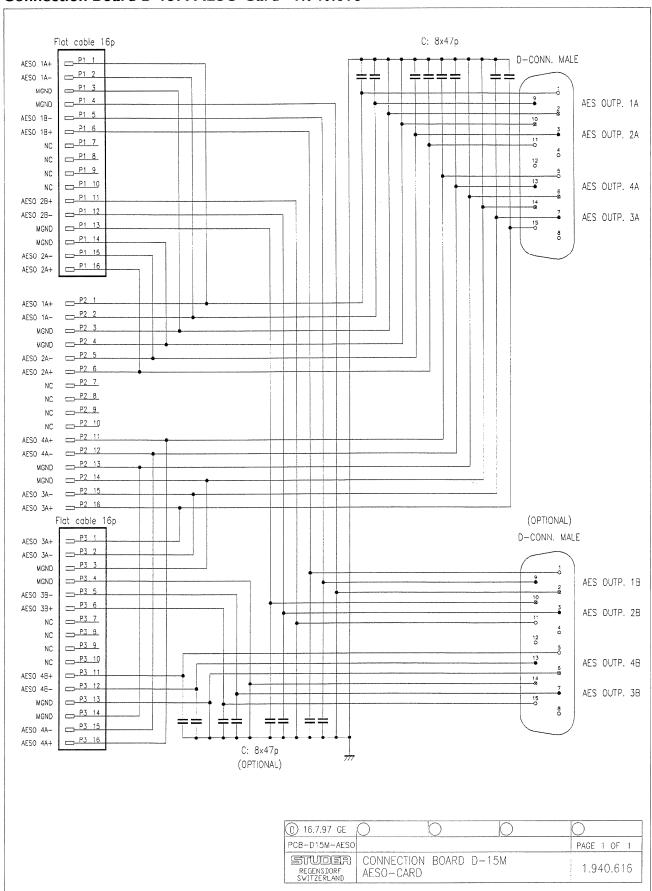
Connection Board D-15F AESI-Card 1.940.615.00



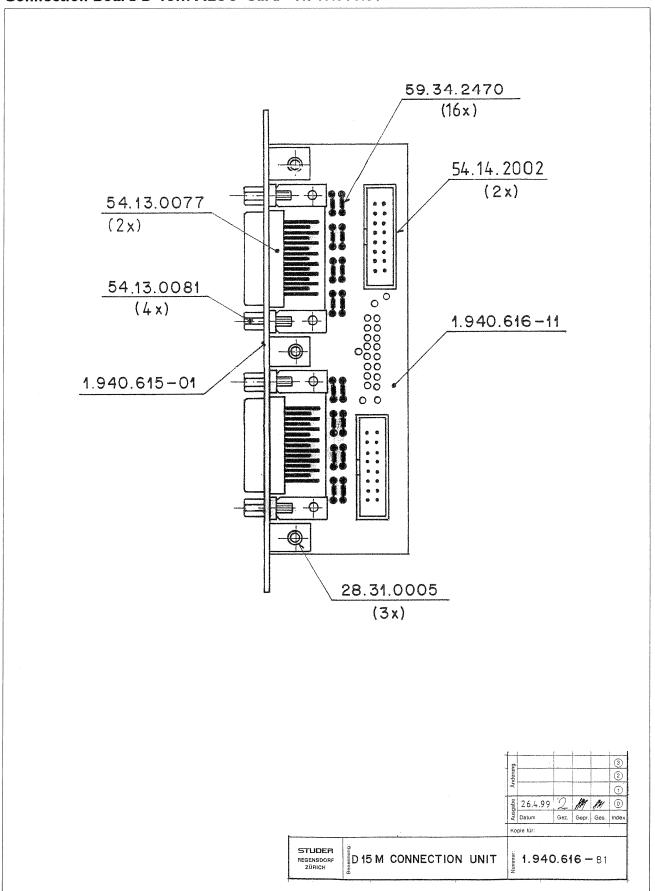
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Connection Board D-15M AESO-Card 1.940.616

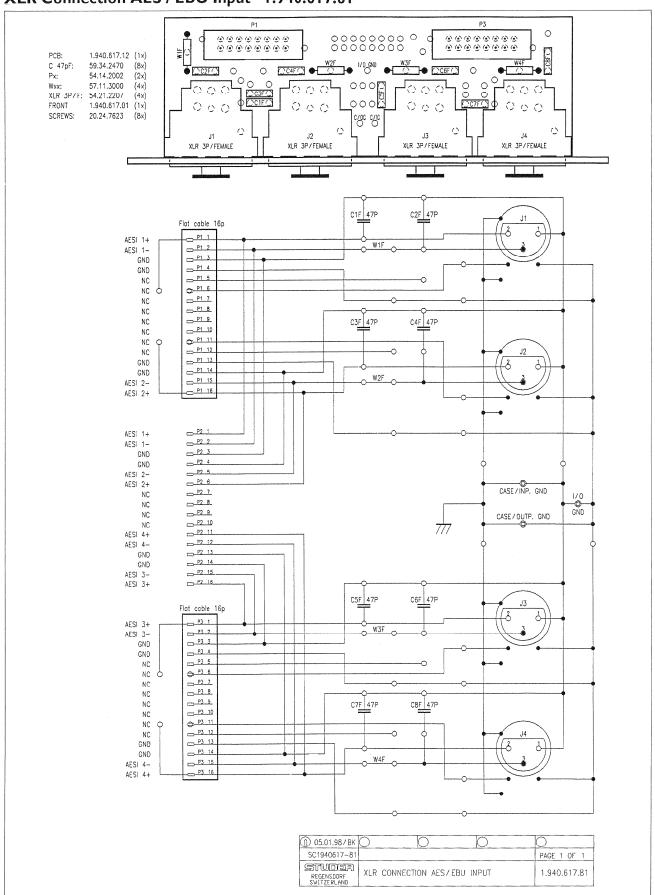


Connection Board D-I5m AESO-Card 1.940.616.81



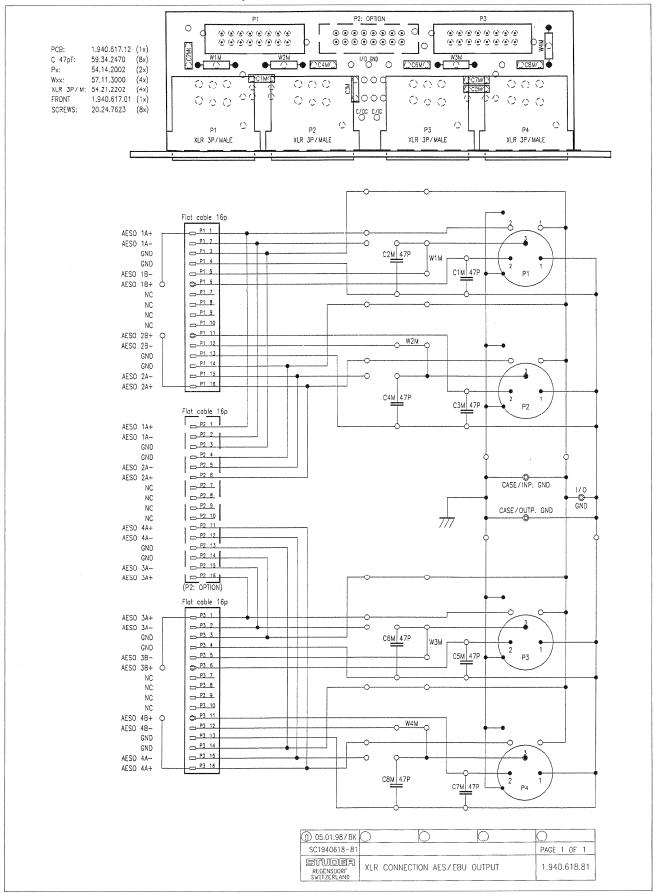


XLR Connection AES / EBU Input 1.940.617.81

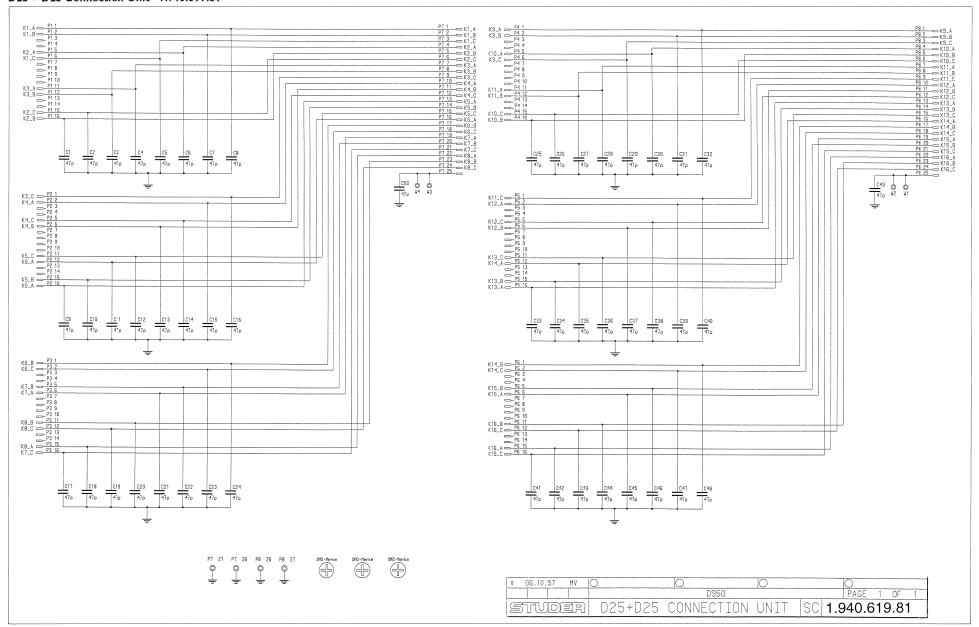




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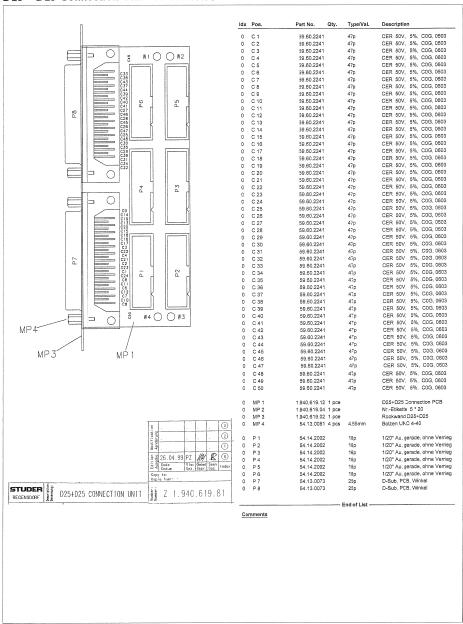
D25 + D25 Connection Unit 1.940.619.81



D19m Digital Audio Processing

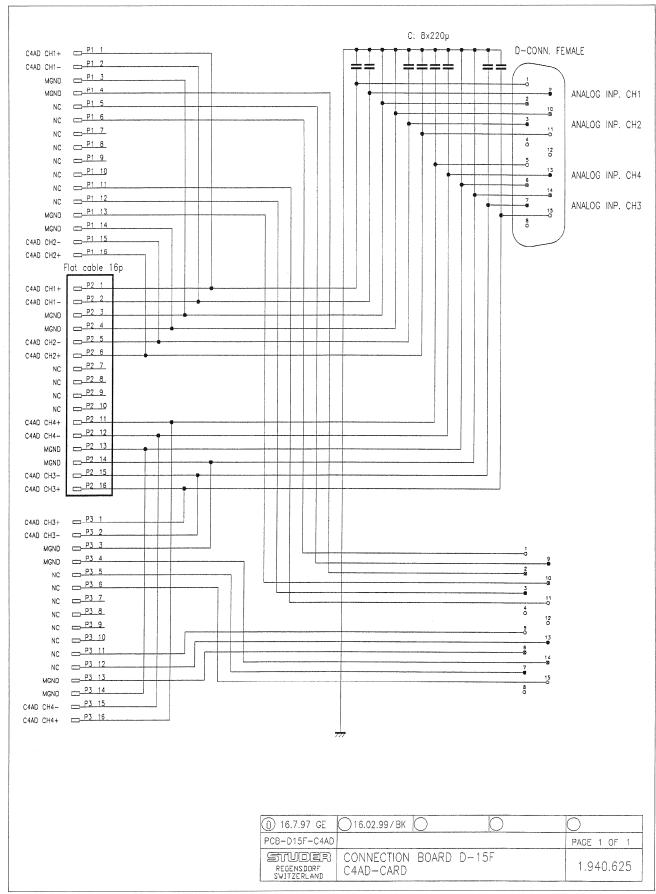
STUDER

D25 + D25 Connection Unit 1.940.619.81

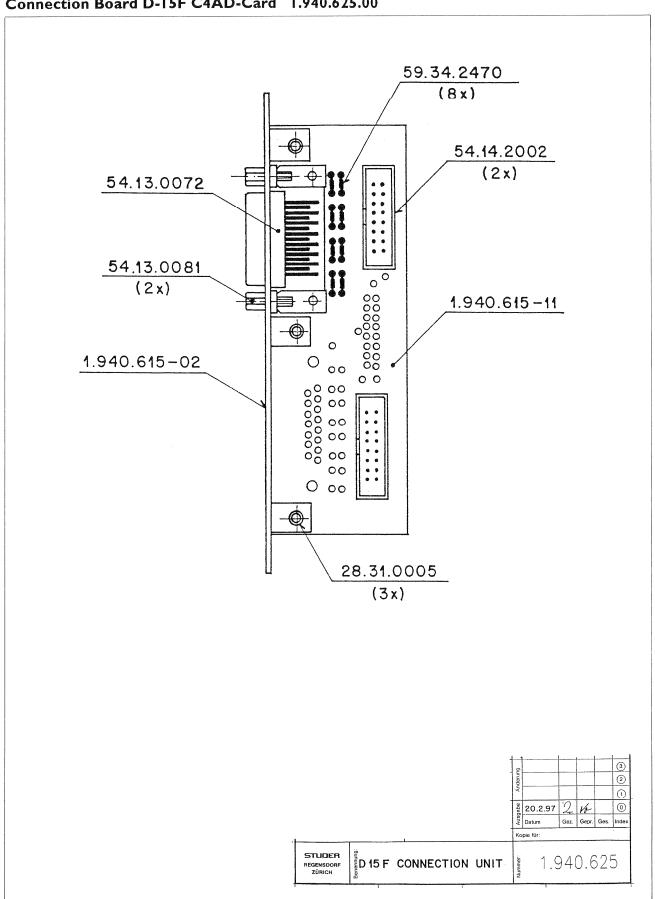




Connection Board D-I5F C4AD-Card 1.940.625.00

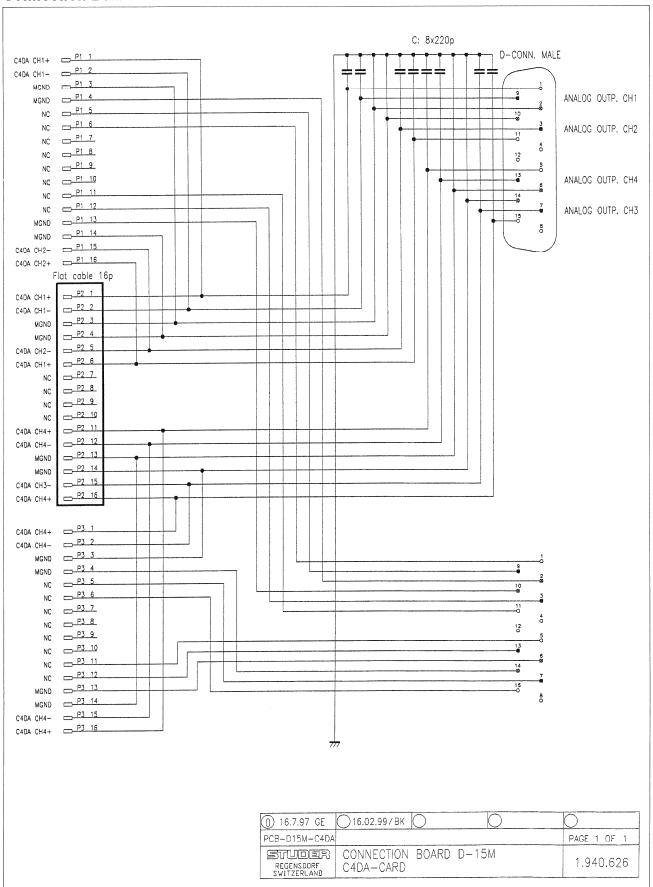


Connection Board D-I5F C4AD-Card 1.940.625.00

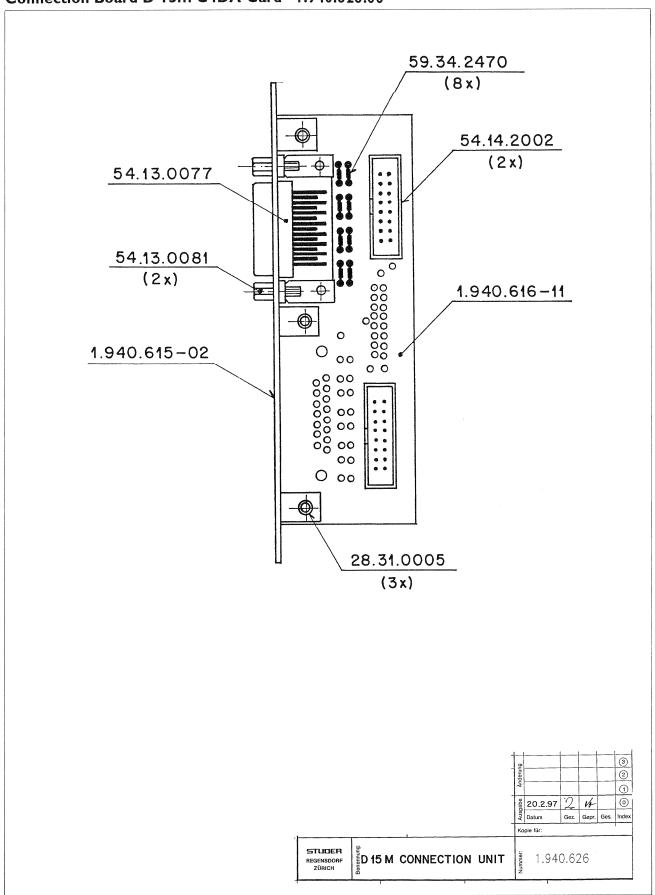




Connection Board D-I5m C4DA-Card 1.940.626.00

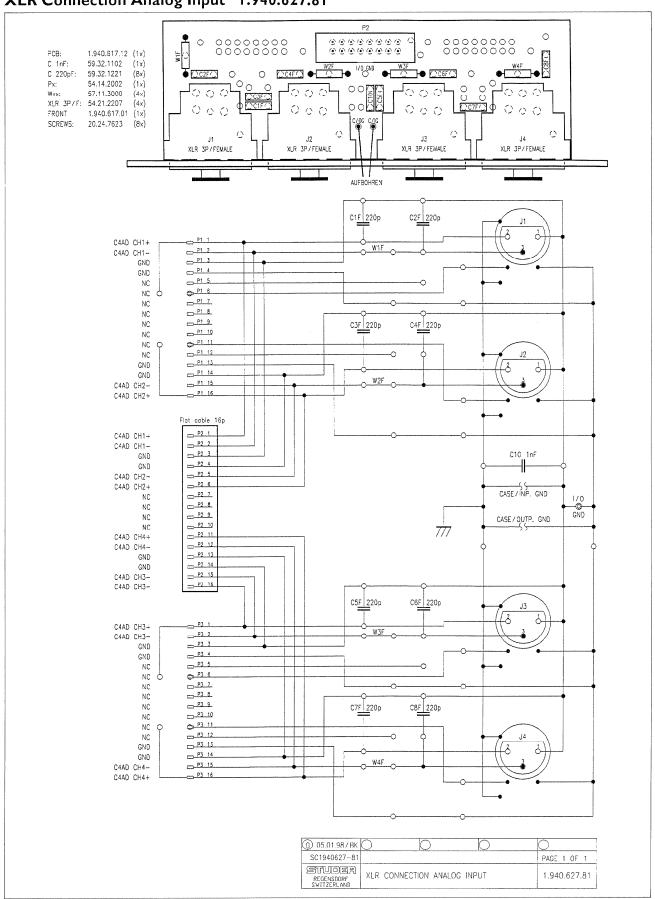


Connection Board D-I5m C4DA-Card 1.940.626.00



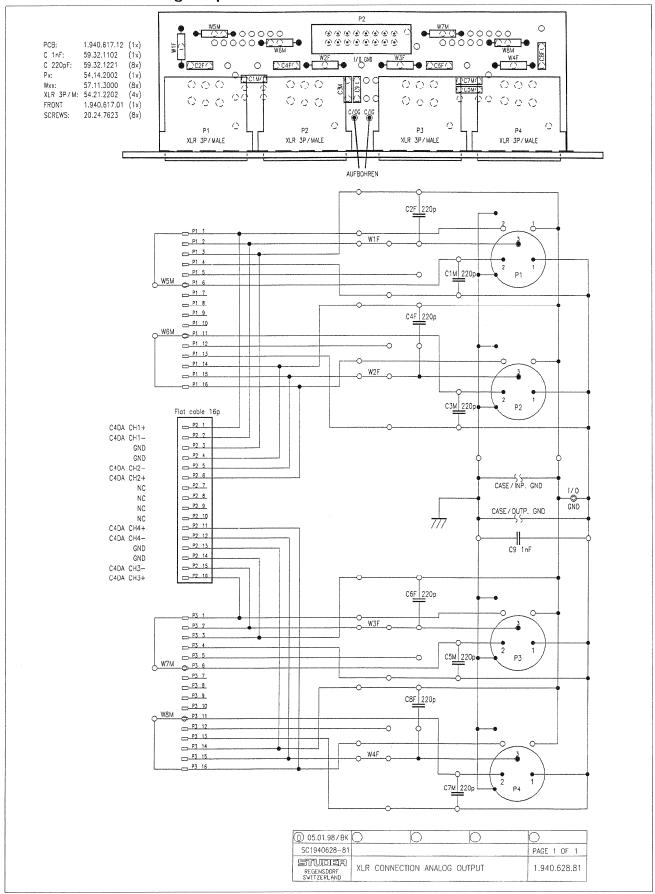


XLR Connection Analog Input 1.940.627.81

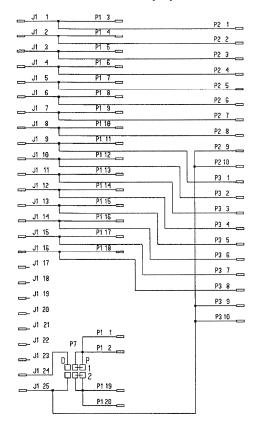


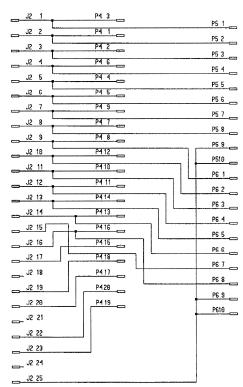


XLR Connection Analog Output 1.940.628.81



Connection Unit Control Port 1.940.630.81 (0)

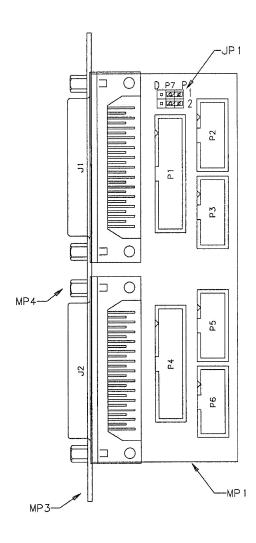




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						DS-D Re	ack		PAGE	1	OF	1
S	TU		記		Control	Conne	ction	1	.940	.63	30.	00



Connection Unit Control Port 1.940.630.81 (0)



Accompanying docume Zugehoerige Unterla PL		General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	26.04.1999 Date Datum		(Checked Gepr.	Reen Ges.	0 Index
Substitute for: Ersatz fuer:		Replaced by: Ersetzt durch:			to: e fuer: '				
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STUDER

Connection Unit Control Port 1.940.630.81 (0)

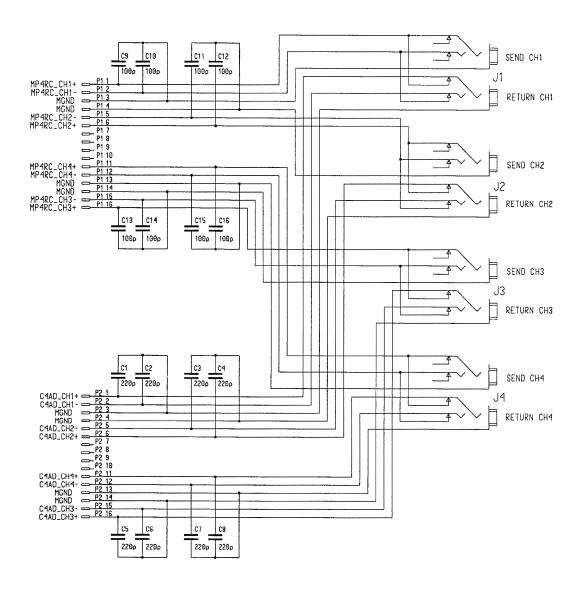
Page: 1 of 1

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ldx.	Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description
0	J 1	54.13.0073	25p	D-Sub, PCB, Winkel					
0	J 2	54.13.0073	25p	D-Sub, PCB, Winkel					
0	JP 1	54.01.0021 2 pcs	Jumper	0.63*0.63mm, Au					
0	MP 1	1.940.630.12 1 pce		Control Connection PCB					
0	MP 2	1.940.630.10 1 pce		NR. Etikette 5 x 20					
٥	MP 3	1.940.619.02.1 pce		Rückwand D25+D25					
0	MP 4	54.13.0081 4 pcs	4.85mm	Bolzen UNC 4-40					
0	MP 5	24.16.1030 4 pcs	3.2/5.5	Rippenscheibe					
0	P 1	54.14.2008	20p	1/20" Au, gerade, ohne Verrieg					
0	P 2	54.14.2001	10p	1/20" Au, gerade, ohne Verrieg					
0	P 3	54.14.2001	10p	1/20" Au, gerade, ohne Verrieg					
0	P 4	54.14.2008	20p	1/20" Au, gerade, ohne Verrieg					
0	P 5	54.14.2001	10p	1/20" Au, gerade, ohne Verrieg					
0	P 6	54.14.2001	10p	1/20" Au, gerade, ohne Verrieg					
0	P 7	54.11.0136	2*3p	Pin 0.63*0.63, RM2.54					

End of List



Connection Unit Bantam Jack (f. Analog Inserts) 1.940.631.00 (0)

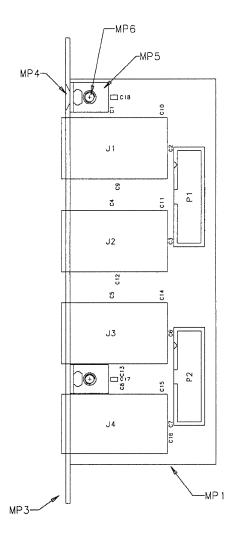




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M		<u> </u>	Connec	tion	Board	Insert	1 1.	940	631	, 00

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Connection Unit Bantam Jack (f. Analog Inserts) 1.940.631.00 (0)



Accompanying docume Zugehoerige Unterla		General tolerance: Freimasstoleranz:	Scale: Massstab:	tion gabe	07.12.1998	AF _	la		0
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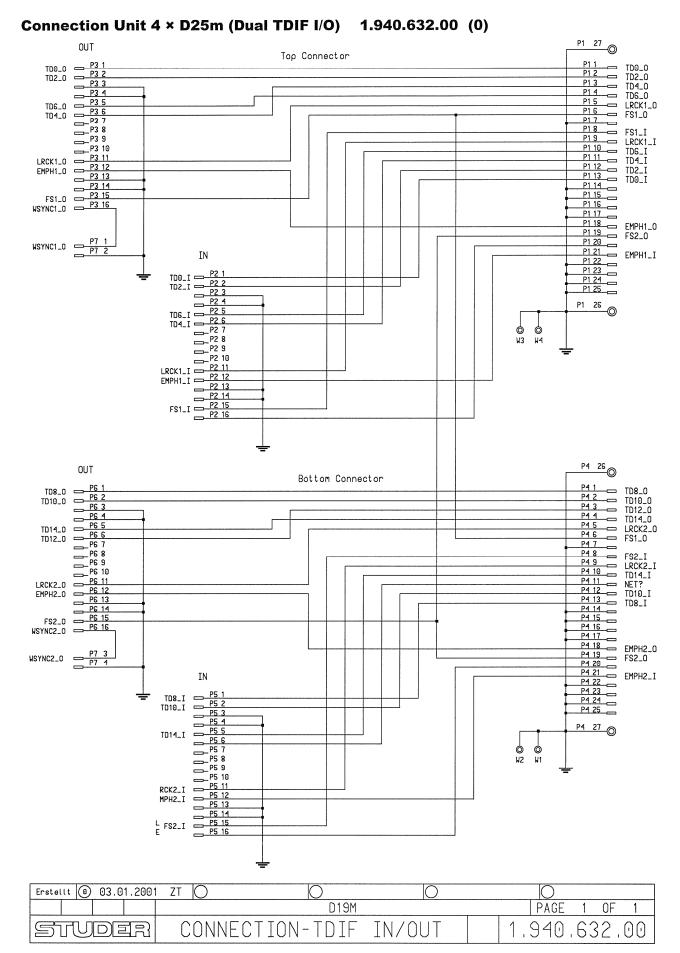
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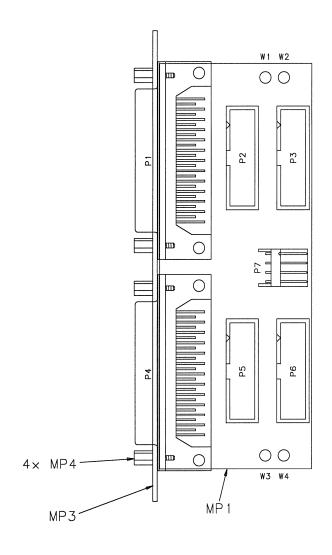
Connection Unit Bantam Jack (Analog Ins.) 1.940.631.00 (0) Page: 1 of 1

ldx. Pos.	Part No. Qty.	Type/Val.	Description	 ldx. Pos.	Part No.	Qty.	Type/Val.	Description
0 C1	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 C2	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 C3	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 C4	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 C 5	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 06	59 60 2257	220p	CER 50V. 5%, C0G, 0603					
0 C7	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 C8	59.60.2257	220p	CER 50V, 5%, C0G, 0603					
0 C9	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C10	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C11	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C 12	59.60.2249	100p	CER 50V, 5%, COG, 0603					
0 C 13	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C14	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C 15	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C16	59.60.2249	100p	CER 50V, 5%, C0G, 0603					
0 C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805					
0 C18	59.60.3337	100n	CER 50V, 10%, X7R, 0805					
0 J1	54.24.0211	2*3p	Bantam-Buchse, 4.4mm					
0 J2	54.24.0211	2*3p	Bantam-Buchse, 4.4mm					
0 J3	54.24.0211	2*3p	Bantam-Buchse, 4.4mm					
0 J4	54,24,0211	2*3p	Bantam-Buchse, 4.4mm					
0 MP 1	1.940.631.11 1 pce		CONNECTION INSERT PCB					
0 MP 2	1.940.631.10 1 pce		Nr. Etikette 5 x 20					
0 MP3	1.940.631.01 1 pce		RÜCKWAND					
0 MP 4	28.31.0110 2 pcs		SENKKOPFNIETE D 3.2 * 4.3					
0 MP 5	35.99.0104 2 pcs		MONTAGEWINKEL					
0 MP6	21.53.9354 2 pcs	M3*6	Z-Schraube Inbus-Ripp Zn gb ch					
0 P1	54.14.2002	16p	1/20" Au, gerade, ohne Verrieg					
0 P2	54.14.2002	16p	1/20" Au, gerade, ohne Verrieg					

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Connection Unit 4 × D25m (Dual TDIF I/O) 1.940.632.00 (0)



Accompanying documents: Zugehoerige Unterlagen:		General tolerance: Freimasstoleranz:	Scale: Massstab:	tion gabe	03.01.2001	ZT	ML	RL	0
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STUDER in in including in the control of the contro	CONNECTIO	N-TDIF	IN/OUT		Number:	940	6.7	32	00
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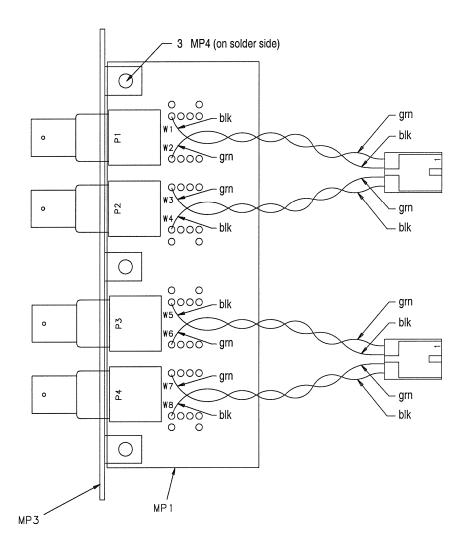
Connection Unit 4 × D25m (Dual TDIF I/O) 1.940.632.00 (0) Page: 1 of 1

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ldx. Pos.	Part No.	Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0 MP1	1.940.632.11 1	pce		CONNECTION TDIF IN/OUT PCB						
0 MP 2	1.940.632.04 1	pce		NrEtikette 5 * 20						
0 MP3	1.940.619.02 1	pce		Rückwand D25+D25						
0 MP 4	54.13.0081 4	pcs	4.85mm	Bolzen UNC 4-40						
0 P1	54.13.0073 1	pce	25p	D-Sub, PCB, Winkel						
0 P2	54.14.2002 1	pce	16p	1/20" Au, gerade, ohne Verrieg						
0 P3	54.14.2002 1	pce	16p	1/20" Au, gerade, ohne Verrieg						
0 P4	54.13.0073 1	pce	25p	D-Sub, PCB, Winkel						
0 P5	54.14.2002 1	pce	16p	1/20" Au, gerade, ohne Verrieg						
0 P6	54.14.2002 1	pce	16p	1/20" Au, gerade, ohne Verrieg						
0 P7	54.12.0724 1	pce	4p	Stecker winkel PCB						

End of List



Connection Unit 4 × BNC (WCLK Out) 1.940.633.00 (0)



Accompanying documents: Zugehoerige Unterlagen:		General tolerance: Freimasstoleranz:	Scale: Massstab:	tion	03.01.2001	ZT	ML	RL	0
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STUDER REGENSDORF REGENSDORF	CONNECT	ION-WCLK	OUT		Number: Nummer:	940	. 63	33.	00



Connection Unit 4 × BNC (WCLK Out) 1.940.633.00 (0)

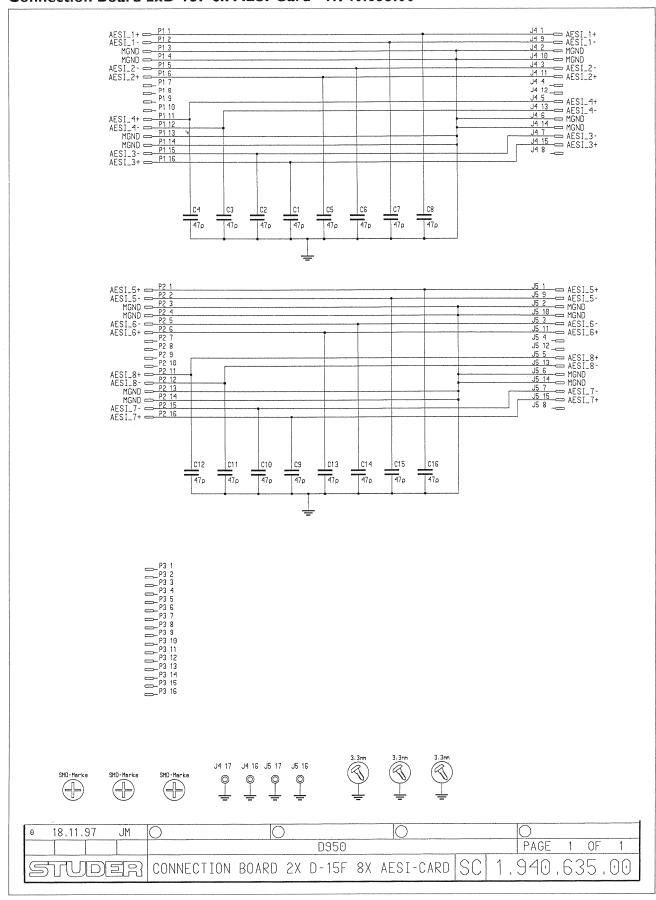
Page: 1 of 1

ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description
0	LL 1	1.940.633.93	1 pce		LL CONNECTION WCLK OUT					
0	MP 1	1.940.612.11	1 pce		BNC Output Unit PCB					
0	MP 2	1.940.633.04	1 pce		NrEtikette 5 * 20					
0	MP 3	1.940.611.01	1 pce		Rückwand BNC					
0	MP 4	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1					
0	P 1	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0	P 2	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0	P 3	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0	P 4	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC					

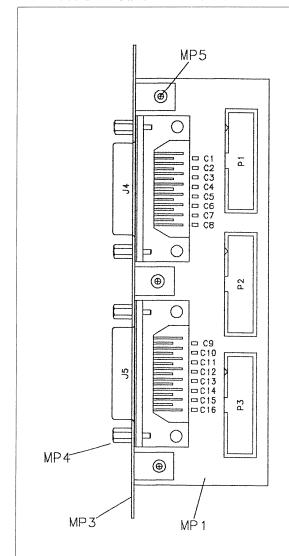
Date printed: 30.09.02



Connection Board 2xD-15F 8x AESI-Card 1.940.635.00



Connection Board 2xD-15F 8x AESI-Card 1.940.635.00



ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 4	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 5	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 6	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 7	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 10	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 16	59.60,2241		47p	CER 50V, 5%, C0G, 0603
0	J 4	54.13.0072		15p	D-Sub, PCB, Winkel
0	J 5	54.13.0072		15p	D-Sub, PCB, Winkel
0	MP 1	1.940.635.11	1 pce		Connection 2xD-15F 8xAESI PCB
0	MP 2	1.940.635.04	1 pce		NrEtikette 5 * 20
0	MP 3	1.940.615.01	1 pce		Rückwand D15+D15
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	MP 5	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	not used		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	not used		16p	1/20" Au, gerade, ohne Veri

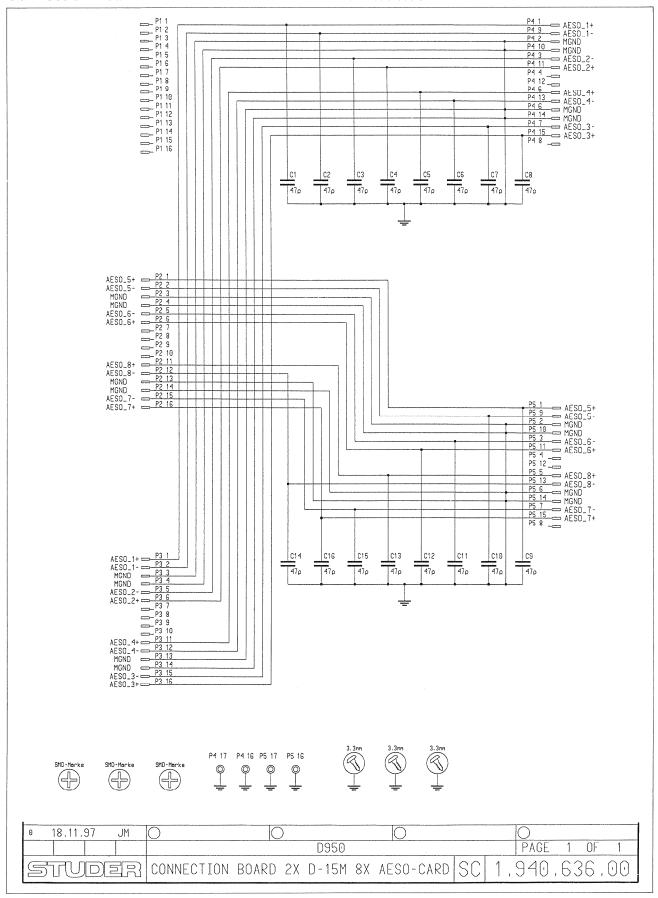
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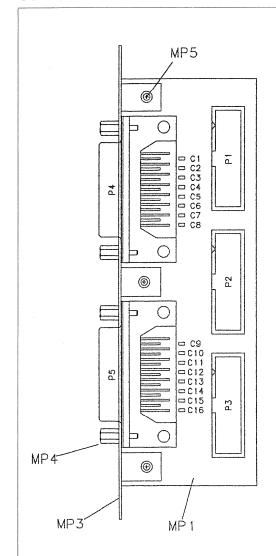


Connection Board 2xD-15M 8x AESO-Card 1.940.636.00





Connection Board 2xD-15M 8x AESO-Card 1.940.636.00



ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 4	59.60.2241		47p	CER 50V, 5%, COG, 0603
0	C 5	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 6	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 7	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 10	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	MP 1	1.940.636.11	1 pce		Connection 2xD-15M 8xAESO PCB
0	MP 2	1.940.636.04	1 pce		NrEtikette 5 * 20
0	MP 3	1.940.615.01	1 pce		Rückwand D15+D15
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	MP 5	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	not used		16p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.13.0077		15p	D-Sub, PCB, Winkel
0	P 5	54.13.0077		15p	D-Sub, PCB, Winkel

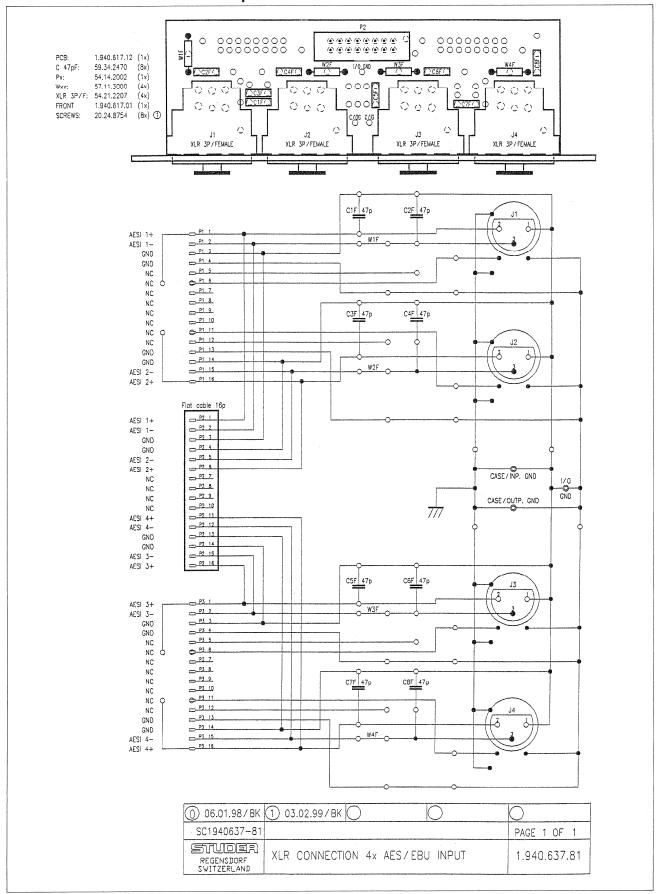
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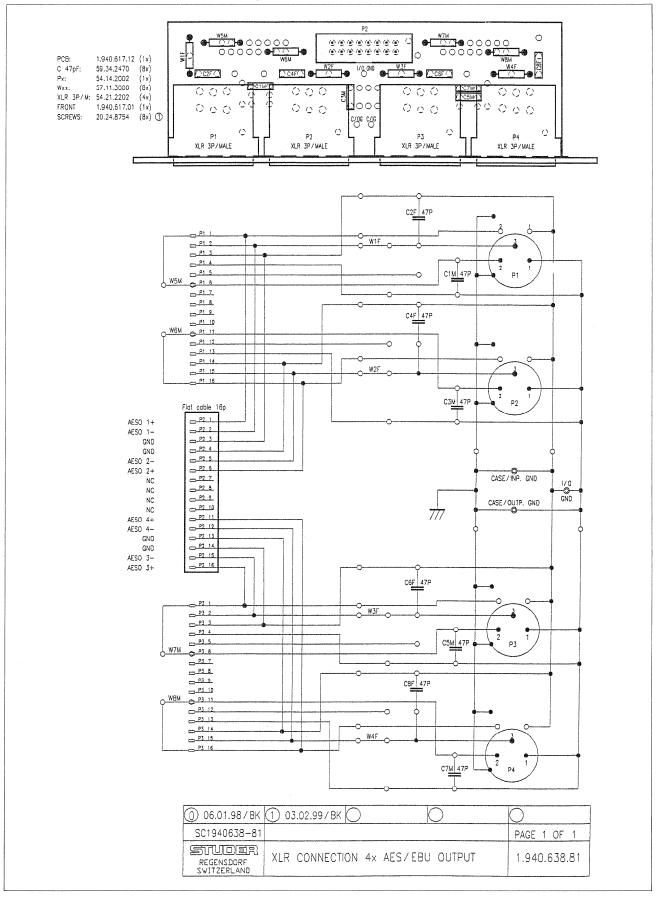
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STUDER REGENSDORF	Description: Benennung:	CONNECTION	BOARD	2X D-15M	8X AESO	-CARD	Number: Number:	1		94	0.	536	5.0	0



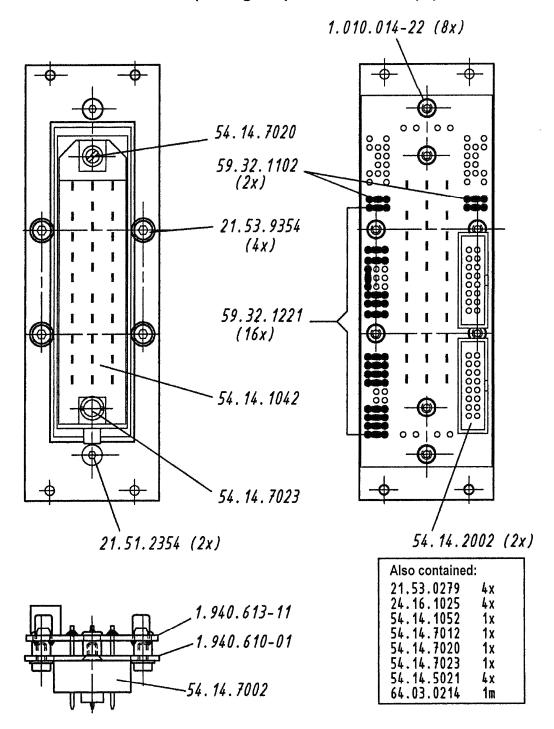
XLR Connection 4x AES/EBU Input 1.940.637.81



XLR Connection 4x AES/EBU Output 1.940.638.81



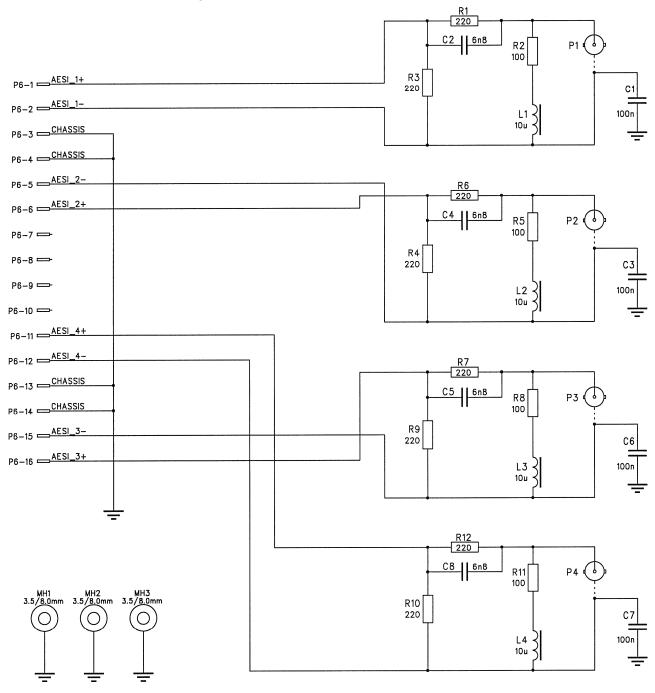
Connection Unit S30f/Gold Cont. (Analog Out) 1.940.640.00 (0)



Accompanying documents: Zugehörige Unterlagen:	General folerance: Scal Freimasstoleranz: Mass	stab: 5 g 24.7.98 Ro RO HM ① Date Visa Checked Seen Gept. Ges. Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:	Copy to: Kopie für:
172	S30M Connection Unit 8TE Gold	1.940.640-00

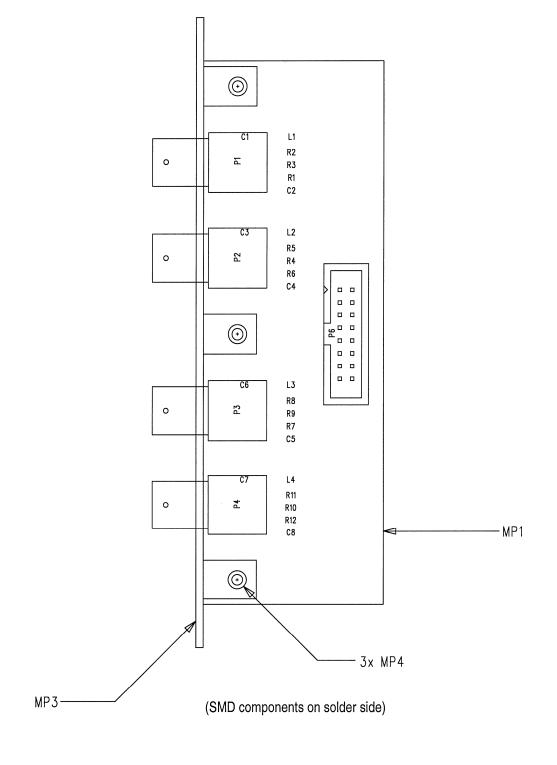


Connection Unit 4 × BNC (AES/EBU In) 1.940.641.00 (0)



				17.10.20 Date: Datum: Index: Index:) 0 1 Z T Visa: Gez.:	Checked: Gepr.:	Seen: Ges.:
STUDER Description:	CONNECTION BNC	: AESI FOI	R CORE	Number: Nummer:	1.940.	641.0	00

Connection Unit 4 × BNC (AES/EBU In) 1.940.641.00 (0)



			17.10.2001 Date: Datum:	ZT Visa: Goz.:	ML Checked: Gepr.:	HW Seen: Ges.:
Accompanying documents: PL Zugehörige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massatab:	index:	Page: 1 Seite:	/	1
STUDER Speed	CONNECTION BNC AESI	FOR CORE	Number:	940.64	11.00)

STUDER

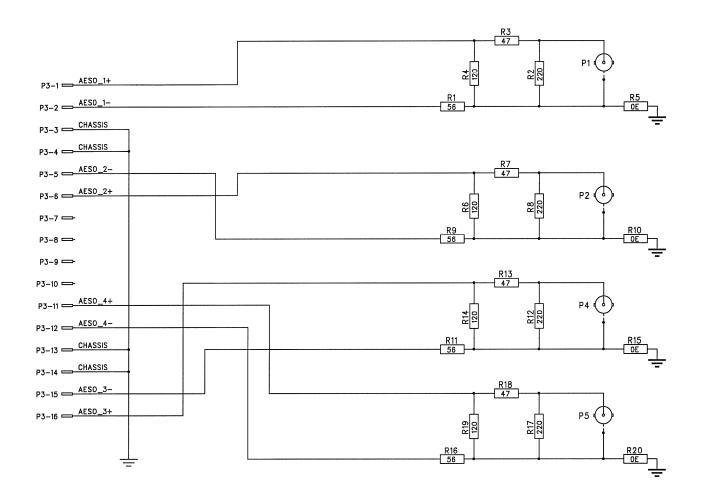
Connection Unit 4 × BNC (AES/EBU In) 1.940.641.00 (0) Page: 1 of 1

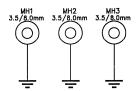
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0 C1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805					
0 C2	59.60.3323 1 pce	6n8	CER 50V, 10%, X7R, 0805					
0 C3	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805					
0 C4	59.60.3323 1 pce	6n8	CER 50V, 10%, X7R, 0805					
0 C5	59.60.3323 1 pce	6n8	CER 50V, 10%, X7R, 0805					
0 C6	59.60.3337 1 pce	100n	CFR 50V, 10%, X7R, 0805					
0 C7	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805					
0 C8	59.60.3323 1 pce	6n8	CER 50V, 10%, X7R, 0805					
0 L1	62.60.0113 1 pce	10uH	SMD 10% 1210					
0 L2	62.60.0113 1 pce	10uH	SMD 10% 1210					
0 L3	62.60.0113 1 pce	10uH	SMD 10% 1210					
0 L4	62.60.0113 1 pce	10uH	SMD 10% 1210					
0 MP 1	1.940.641.11 1 pce		CONNECTION BNC AESI PCB					
0 MP 2	1.940.641.10 1 pce		NRETIKETTE 5 * 20					
0 MP3	1.940.611.01 1 pce		Rückwand BNC					
0 MP4	28.31.0005 3 pcs		BLINDNIETE, D 3.2* 6.1					
0 P1	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P2	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P3	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P4	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P6	54.14.2002 1 pce	16p	1/20" Au, gerade, ohne Verrieg					
0 R1	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R2	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
0 R3	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R4	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R5	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
0 R6	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R7	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R8	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
0 R9	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R 10	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R 11	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
0 R 12	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					

Date printed: 30.09.02



Connection Unit 4 × BNC (AES/EBU Out) 1.940.642.00 (0)

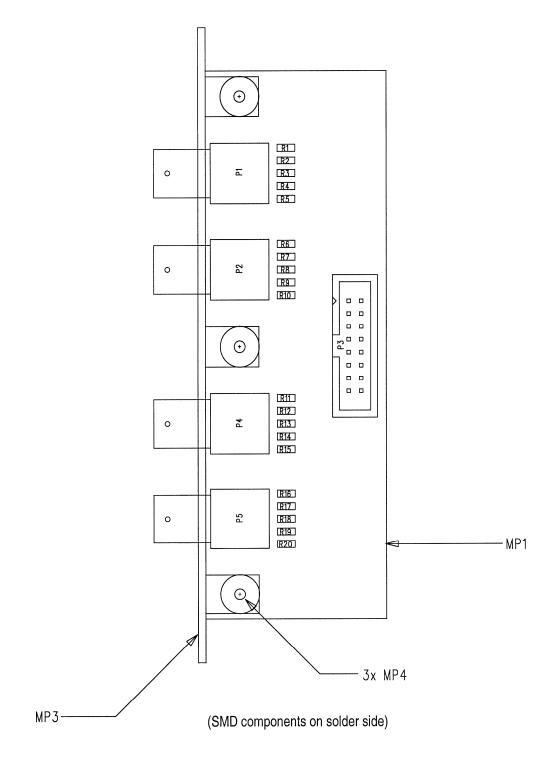




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						Index:	0	Page: Seite:	1	/	1
Perception National Property States Service Se	CONNECTION	BNC	AESO	FOR	CORE	Number: Nummer:	SC 1.	940	.64	-2.0	00



Connection Unit 4 × BNC (AES/EBU Out) 1.940.642.00 (0)



			18.10.2001		ML Checked: Gepr.:	HW Seen: Ges.:
Accompanying documents: PL Zugehörige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massetab:	Index:	age: 1	/	1
Beneausing:	CONNECTION BNC AESO F	OR CORE	Nummer:	940.6	42.0	00

STUDER

Connection Unit 4 × BNC (AES/EBU Out) 1.940.642.00 (0) Page: 1 of 1

ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description
0 MP1	1.940.642.11 1 pce		CONNECTION BNC AESO PCB					
0 MP 2	1.940.642.10 1 pce		NRETIKETTE 5 * 20					
0 MP3	1.940.611.01 1 pce		Rückwand BNC					
0 MP 4	28.31.0005 3 pcs		BLINDNIETE, D 3.2* 6.1					
0 P1	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P2	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P3	54.14.2002 1 pce	16p	1/20" Au, gerade, ohne Verrieg					
0 P4	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 P5	54.21.2031 1 pce	BNC	J 1 POL PRINT/WINKEL BNC					
0 R1	57.60.1560 1 pce	56R	MF, 1%, 0204, E24					
0 R2	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R3	57.60.1470 1 pce	47R	MF, 1%, 0204, E24					
0 R4	57.60.1121 1 pce	120R	MF, 1%, 0204, E24					
0 R5	57.60.1000 1 pce	0R0	MF, 0204					
0 R6	57.60.1121 1 pce	120R	MF, 1%, 0204, E24					
0 R7	57.60.1470 1 pce	47R	MF, 1%, 0204, E24					
0 R8	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R9	57.60.1560 1 pce	56R	MF, 1%, 0204, E24					
0 R 10	57.60.1000 1 pce	0R0	MF, 0204					
0 R 11	57.60.1560 1 pce	56R	MF, 1%, 0204, E24					
0 R 12	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R 13	57.60.1470 1 pce	47R	MF, 1%, 0204, E24					
0 R 14	57.60.1121 1 pce	120R	MF, 1%, 0204, E24					
0 R 15	57.60.1000 1 pce	0R0	MF, 0204					
0 R 16	57.60.1560 1 pce	56R	MF, 1%, 0204, E24					
0 R 17	57.60.1221 1 pce	220R	MF, 1%, 0204, E24					
0 R 18	57.60.1470 1 pce	47R	MF, 1%, 0204, E24					
0 R 19	57.60.1121 1 pce	120R	MF, 1%, 0204, E24					
0 R 20	57.60.1000 1 pce	0R0	MF, 0204					

Date printed: 30.09.02